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Thomas A. Edison Papers

A SELECTIVE MICROFILM EDITION

PART IV
(1899–1910)

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Notebook, N-06-06-18

570	5.418	272	48
71	5.513	271	48
72	5.559	273	47

	1	2	3	4	5	6
570	687	750	777	550	600	700
71	640	796	700	287	375	700
72	675	650	520	220	225	745

		57	58	59	60	61
570	Astrn	650	250	550	550	725
71	50	175	742	345	500	550
72	Hot	250	785	450	637	700

570 Duplicate of 514
21000 green absorbs to 21.683
250 mlg of Gelatin -
Cobalt plated tubes, rings on
Before pkg

Wt 5.418
Cal 272
T 48

571 - Dup 570

Wt 5.513
Cal 271
T 48

572 Dup of 570

Wt 5.559
Cal 273
T 47

573
74
75

573
74
75

573 21000 thro 20 green friable reg absorbed
to _____
9000 flake Cobalt 1/2 of 1/10000
Cobalt plated tubes, rings on before pkg
4000 glucose –
Reg ions –

Wt
Cal
T

574 Dup 573 –
Wt
Cal
T

575 Dup of 573
Wt
Cal
T

576 - 21000 1hr 20 absorbed to _____
9000 flake Cobalt 1/2 of 1/10000 -
4000 ~~flake~~ glucose
Nickel plated tubes rings on before pkg
Reg nms -
Wt
Cal
T

577 Dup of 576
Wt
Cal
T

578 Dup of 576
Wt
Cal
T

579 21000 this 20 green absorbed to
8000 Cobalt flake 1/2 of 1/10000
4000 glucose
Cobalt plated tubes, rings in
before pkg
Reg nos -
Wt
Cal
T

580 Dup of 579
Wt
Cal
T

581 Dup of 577

Wt
Cal
T

582 21000 grsen absorbed to [illegible]

8000 Cobalt flake 1/2 of 1/10000 –
4000 Glucose
Nickel plated tubes rings on before pkg
Req nons

Wt
Cal
T

583 Dup of 582

Wt
Cal
T

584 Dup of 582

Wt
Cal
T

585 21000 the 20 green absorbed to ———

7000 flake Cobalt 1/2 of 1/10000

4000 glucose

Cobalt plated tubes, rings on teflon pkg

Reg non

Wt

Cal

T

586 Dup of 585

Wt

Cal

T

587 Dup of 585

Wt

Cal

T

588 – 21000 thru 20 absorbed to _____

7000 flake Cobalt 1/2 1/10000
4000 glucose
Nickel plated tubes, weigh on before pkg
Req news ..

Wt
Cal
T

589 Dup of 588

Wt
Cal
T

590 Dup of 588

Wt
Cal
T

Thro 20

591 21000 absorbed to _____

6000 Cobalt flake 1/2 of 1/10000
4000 Glucose

Cobalt plated tube, rings on 6 & 4 pkg

Reg irons -

Wt
Cal
T

592 Dup of ~~[illegible]~~ 591

Wt
Cal
T

593 Dup of ~~[illegible]~~ 591

Wt
Cal
T

594 21000 Thio 20 absorbed to _____

6000 Cobalt flake 1/2 of 1/10 000
4000 Glucose
Nickel plated tubes, rings on before pkg
Reg rons

Wt
Cal
T

595 Dup of [redacted] 594

Wt
Cal
T

596 Dup of [redacted] 594

Wt
Cal
T

597 21000 Thro 20 absorbed H_2O to ———

5000 Cobalt flake 1/2 of 1/10000

4000 glucose -

Cobalt plated tubes, rings on before pkg

Requires

Wt

Cal

T

598 Dup of 597

Wt

Cal

T

599 Dup of 597

Wt

Cal

T

600 21000 absorbed to ——— (line 20)

5000 Cobalt flake 1/2 of 1/10000
4000 glucose
Nickel plated tubes, rings on before pkg
Reg irons

Wt
Cal
T

601 - Dup of 600

Wt
Cal
T

602 - Dup of 600

Wt
Cal
T

603 21000 Hwo 20 absorbed to _____

4000 Cobalt flake 1/2 of 1/10000
~~4000 Glucose~~
Cobalt plated tubes, rings on before pkg
Reg irons —

Wt
Cal
T

604 Dup of 603

Wt
Cal
T

605 Dup of 603

Wt
Cal
T

606 — 21000 Thr 20 absorbed to ———

4000 Cobalt flake 1/2 of 1/10000

4000 glucose

Nickel plated tubes, rings on before pkg

Reg nos —

Wt

Cal

T

607 Dup of 606

Wt

Cal

T

608 Dup of 606

Wt

Cal

T

609 21000 thru 20 absorbed to ———

3000 Cobalt flake, 1/2 of 1/10000
4000 Glucose
Cobalt plated tubes, rings on before pkg
Requires —
Wt
Cal
T

610 - Dup of 609
Wt
Cal
T

611, Dup of 609
Wt
Cal
T

612 21000 hrs 20 absorbed to _____

3000 Cobalt flake ½ of 1/10000
4000 Glucose
Nickel plated tubes, rings on before pkg
Req. ions —
Wt
Cal
T

613 – Dup of 612
Wt
Cal
T

614 – Dup of 612
Wt
Cal
T

615 21000 Thus 20 absorbed to ~~[illegible]~~ 26010

9000 Cobalt flake 7/10ths of 1/10 000
4000 glucose -
Cobalt plated tubes rings on before pkg
Reg Irons

Wt
Col
T

616 - Dup of 615

Wt
Col
T

617 Dup of 615

Wt
Col
T

618 21000 absorbed to 21.650

9000 Cobalt flake 7/10th of 1/10.000
4000 Glucose
Nickel plated tubes, rings on before pkg
Reg Irons

Wt
Cal
T

619 Dup of 618

Wt
Cal
T

620 Dup of 618

Wt
Cal
T

621 21.000 absorbed to 21.650

6000 Cobalt flake 7/10th of 1/10000
4000 Glucose -
Cobalt plated tubes, rings on before plug
Requires -
Wt
Cal
T

622 - Dup of 621
Wt
Cal
T

623 - Dup of 621
Wt
Cal
T

624 21.000 absorbed to 21.600

6000 Cobalt flake 7/10ths of 1/10000
4000 Glucose -
Nickel plated tubes, rings on before pkg
Reg rims —

Wt
Col
T

625 — Dup of 624

Wt
Col
T

626 Dup of 624

Wt
Col
T

627 21000 absorbed to ——

4000 Cobalt flake 4/10th of 1/10000

4000 Glucose

Cobalt plated tubes rings on before pkg

Reqnons ——

Wt

Cal

T

628 — Dup of 627

Wt

Cal

T

629 Dup of 627

Wt

Cal

T

630 21000 absorbed to ———

4000 Cobalt flake 7/10th of 1/10000
4000 Glucose
Nickel plated tubes, rings on before pkg
Req irons —

Wt
Cal
T

631 — Dup of 630

Wt
Cal
T

632 — Dup of 630

Wt
Cal
T

633 = 21000 absorbed to ———

6000 Cobalt flake 1/2 of 1/10000
4000 glucose –
To be put in regular flat pockets
3.400 Cake – given 100 smooth
press then 250 Corrugating –
put up with 2 ~~[illegible]~~ Frame
& Run reg 6 Cold tests
then go on hot endurance –

634	Dup 633	Center	Sides
635	"	"	"
636	"	"	"
637	"	"	"

638 - 21000 absorbed to _____

4500 Cobalt flint 1/2 of 1/10000
4000 glucose -

Put in pockets like 531

639	Coulter Calliper	Sides
640	"	"
641	"	"
642	"	"

643	5.392	272	100
44	5.388	272	100
45	5.490	271	100

	1	2	3	4	5	6
643	636	455	685	550	650	700
44	677	775	800	812	765	795
45	627	772	802	827	787	797

	57	58	59	60	61
643	832	830	822	830	817
44	840	835	822	820	815
45	855	845	827	832	825

643 21000 absorbed to 21720
9000 Cobalt flotation 20
4000 Glucose
Cobalt plated pockets rings on before pkg
100 Single Tamps
Reg nine —
Wt 5.392
Cal 272
T 100 S

644 Dup of 643
Wt 5.388
Cal 272
T 100 S

645 Dup of 643
Wt 5.490
Cal 271
T 100 S

646	5.515	272	98
47	5.550	271	100
48	5.465	272	98

	1	2	3	4	5	6
646	672	807	830	838	797	807
47	680	787	803	798	777	795
48	705	792	805	800	775	793

	57	58	59	60	61
646	887	876	870	862	855
47	878	882	857	850	845
48	862	865	847	827	830

646 — 21,000 absorbed to 21,700
9000 Cobalt flake
4000 Glucose
100 Single Tamps
Nickel - plated tubes, rings on before pulley

Wt 5.515
Cal 272
T 98

647 Dup of 646
Wt 5.550
Cal 271
T 100

648 Dup of 646
Wt 5.465
Cal 272
T 98

649	5.816	273	98
50	5.533	272	100
51	5.827	272	100

	1	2	3	4	5	6
649	686	838	865	875	840	850
50	680	802	817	817	792	800
51	647	803	827	833	821	831

	57	58	59	60	61
649	900	911	882	870	877
50	868	875	843	832	837
51	867	888	862	853	825

649 21000 absorbed to 21,630
9000 Cobalt thro 20
4000 glucose
Cobalt plated tubes, rings on before pkg
100 Double Tamps

Wt 5.816 cracked
Cal 273 one end
T 98

650 Dup of 649
Wt 5.533
Cal 272 cracked one end
T 100

651 Dup 649
Wt 5.827
Cal 272
T 100

652	5.880	270	100
53	5.985	271	100
54	5.988	271	99

	1	2	3	4	5	6
652	700	870	895	907	956	890
53	682	872	907	918	892	908
54	692	890	930	940	905	927

		57	58	59	60	61
652		955	955	930	921	917
53		978	970	950	937	936
54		990	985	963	950	950

652 21000 absorbed to 21673
9000 Cobalt flake 11 no 20
4000 Glucose
Nickel plated tubes
100 Double Tamps

Wt 5.880
Col 270
T 100

653 Dup of 652
Wt 5.985
Col 271
T 100

654 Dup of 652
Wt 5.988
Col 271
T 99

655	5.963	272	76
56	5.888	272	76
57	6.068	272	75

	1	2	3	4	5	6
655	660	855	907	925	900	915
56	S.C.	717	838	855	820	840
57	593	805	868	868	850	865

		57	58	59	60	61
655		900	915	902	898	900
56		872	900	867	873	875
57		871	900	885	878	880

655 21000 absorbed to 21.650
9000 Cobalt flake Thro 20
4000 glucose
Cobalt plated tubes, rings in 6 & 4 pkg
75 Double Tamps

Wt 5.963
Cal 272
T 76

656 - Dup 655

Wt 5.888
Cal 272
T 76

657 Dup of 655

Wt 6.068
Cal 272
T 75

658	6.183	271	76
59	6.100	271	75
60	6.236	271	76

	1	2	3	4	5	6
658	612	843	912	930	906	920
59	626	846	910	927	893	910
60	673	892	943	960	933	953

		57	58	59	60	61
658		1000	1000	975	967	967
59		975	967	950	940	942
60		1000	1010	986	977	975

658 21000 absorbed to 21,640
9000 Cobalt flakes no 20
4000 glucose
Nickel plated tubes, rings on before pkg
75 Double Tamps

Wt 6.183
Col 271
T 76

659 — Dup of 658
Wt 6.100
Col 271
T 75

660 Dup of 658 —
Wt 6.236
Col 271
T 76 3.75 gms

661	6.045	272	74
62	6.032	272	74
63	5.987	271	74

	1	2	3	4	5	61
661	550	767	840	860	840	841
62	620	831	900	917	886	905
63	585	800	871	893	857	878

	57	58	59	60	61
661	925	931	906	900	903
62	916	940	916	910	906
63	907	922	903	898	900

661 – 21.000 absorbed to 21.680
9000 Cobalt flake Two 20
4000 Glucose –
Cobalt plated Cubes numbered pkg
75 Single Tamps –

Wt 6.045
Cal 272
T 74

662 Dup of 661

Wt 6.032
Cal 272
T 74

663 Dup of 661

Wt 5.987
Cal 271
T .74

664	5.206	271	75
665	5.204	271	75
666	5.257	271	76

	1	2	3	4	5	6
664	650	755	756	773	735	772
65	650	750	750	766	740	775
66	660	757	760	782	757	792

664 21000 absorbed to 21,600
9000 Cobalt 1 no 20
4000 Glucose
Nickel plated tubes, rings in before play
75 Single Tamps

Wt 5.206
Cal 271
T 75

665 Dup of 664
Wt 5.204
Cal 271
T 75

666 Dup of 664
Wt 5.257
Cal 271
T 76

667- 21000 absorbed to _____
8000 Graphite flake thro 20
4000 glucose
Cobalt plate & tubes, rings on balance pk

50 Double Tamps
Wt
Col
T

note how it covers or acts relative to Co flake -

668 Dup 667
Wt
Col
T

669 Dup of 667
Wt
Col
T

670				
71				
72				

670 - 21000 absorbed to ——
8000 graphite flake Mno 20
4000 glucose —
Nickel plated tubes, rings on before pkg
50 Double Tumps —

Wt
Cal
T

671 Dup of 670
Wt
Cal
T

672 Dup of 670
Wt
Cal
T

673	5.660	273	50
74	6.016	272	50
75	5.912	272	50

	1	2	3	4	5	6
673	693	850	893	898	880	895
74	700	878	921	931	917	927
75	731	808	600	350	200	612

	57	58	59	60	61
673	876	900	856	883	882
74	875	923	919	908	911
75	905	957	937	920	920

673 21,000 Green absorbed to 21,650
9000 Co flakes through 50
4000 Dextrose
Co plated tubes rings on before packing
50 Double tamps
Wt 5.660
Col 273 Cracked one end
T 50

674 Dup of 673
Wt 6.016
Col 272
T 50

675 Dup of 673
Wt 5.912
Col 272
T 50

676	5.812	271	49
77	5.862	271	50
78	5.768	272	47

	1	2	3	4	5	6
676	767	950	983	987	1005	1026
77	782	970	987	990	1020	1032
78	803	978	980	1007	1042	1052

	57	58	59	60	61
676	975	965	942	942	945
77	945	987	983	980	976
78	893	950	932	928	930

676 21.000 Green absorbed to 21.750
4.000 Co flake thro 50
4000 Glucose
Co plated tubes Rings on before packing. 50 Dble tamps

Weight 5.812
Cal 271
J 49

677 Dup of 676
Wt 5.862
Cal 271
J 50

678 Dup of 676
Wt 5.768
Cal 272
J 47

412 green

679	5.447	272	46
80	5.657	272	48
81	5.501	272	48

	1	2	3	4	5	6
679	800	972	985	995	1015	1023
80	695	817	867	815	800	830
81	715	881	896	900	920	925

		57	58	59	60	61
679		595	657	662	662	665
80		566	620	622	640	630
81		568	600	602	607	617

679 21.000 Green absorbed to 21.685
2.000 Co flake thru 50
4.000 Glucose
Co plated tubes Ringoon 50DJ
Wt 5.447
Cal 272
T 46

680 Dup of 679
Wt 5.657
Cal 272
T 48

681 Dup of 679
Wt 5.501
Cal 272
T 48

682 21000 Green absorbed to _____
2000 Co flake thro 50
4000 Glucose
Co plated tubes 100 D.J. Rings on
Weight
Cal
J

683 Dup of 682
Wt
Cal
J

684 Dup of 682
Wt
Cal
J

685
86
87
88
89

Hot Induction

	1	2	3	4	5	6
685	287	367	387	452	465	461
86	290	371	400	425	463	462
87	197	335	372	387	417	413
88	217	330	377	382	411	411
89	280	390	420	437	455	452

685 21,000 Green absorbed to 21,632
2000 Co flake Thro 50
4000 Glucose
Make up into 3.4 pockets
93 92-96

686 Dup of 685 88 89-90

687 Dup of 685 88 93-91

688 Dup of 685 91 91-93

689 Dup of 685 89 93-95

690 21000 absorbed to _____
9000 Co flake through 50-½ of 1/1000
4000 ~~Glucose~~
Co plated tubes Rings on before plating
50 D Tamps
Wt
Cal
J

691 Dup of 690
Wt
Cal
J

692 Dup of 690
Wt
Cal
J

693 21000 absorbed to ____
4000 Co flake 1/2 of 1/10000 thru 50
4000 Glucose
Co plated tubes Rings on before pkg
50 dble tamps
Wt
Cal
J

694 Dup of 693
Wt
Cal
J

695 Dup of 693
Wt
Cal
J

.696 21000 absorbed to _____
2000 Co flake thro 50 1/2 of 1/10000
4000 Glucose
Co plated tubes Rings on before packing
50 Double tamp
Wt
Cal
T

697 Dup of 696
Wt
Cal
T

698 Dup of 696
Wt
Cal
T

699 21000 absorbed to _____
2000 Co flake 1/2 of 1/10000 thru 50
4000 Glucose
Make up in 3.4 pockets

700 Dup of 699

701 Dup of 699

702 Dup of 699

703 Dup of 699

704 21000 absorbed to _____
2000 Co flake ½ of 1/10000 thro 50
4000 Glucose
Co plated tubes Ring on before packing
100 Dble tamps
Wt
Cal
J

705 Dup of 704
Wt
Cal
J

706 Dup of 704
Wt
Cal
J

707	7.518	273	51
08	7.037	273	51
09	7.481	274	51

	1	2	3	4	5	6
707	200	350	512	626	692	720
08	480	692	797	843	865	867
09	355	595	715	806	790	800

	57	58	59	60	61
707	710	800	820	825	820
08	942	975	960	950	953
09	835	912	921	925	926

707 21000 absorbed 24 hrs to 25.485
9000 Co flake thus 20
4000 Glucose
Co plated tubes Rings on before packing 50 Double tamps.
Wt 7.518
Cal 273
T 51

708 Dup of 707
Wt 7.037
Cal 273
T 51

3.98 grams

709 Dup of 707
Wt 7.481
Cal 274
Tamps. 51

this was not sticky but very wet

710	6.776	272	50
11	6.541	273	50
12	6.807	272	51

	1	2	3	4	5	6
710	570	861	927	972	950	993
11	650	907	977	1017	972	1023
12	600	871	975	1023	973	1020

710 ~~Dup of~~ 707
710.000 absorbed to 24.500
Ni plated tubes. Rings on before packing 50 dbl tamps

Wt 6.776
Cal 272
Z 50

711. Dup of 710
Wt 6.541
Cal 273
Z 50

712 Dup of 710
Wt 6.807
Cal 272
Z 51

713	6.623	274	51
14	6.629	273	50
15	6.208	272	50

	1	2	3	4	5	6
713	500	731	875	963	890	935
14	510	717	838	931	875	921
15	600	797	866	920	806	925

713 Dup of 707
Except used ammonia instead of water
21000 absorbed to 26300
Cobalt plated tubes Rings on before packing.

Wt 6.623
Cal 274
J. 51

714 Dup of 713
Wt 6.629 Cracked
Cal 273 one end
J 50.

715 Dup of 713
Wt 6.208
Cal 272
J. 50

Flake appears black after mixing.

716 21000 absorbed to _____
9000 Co flake thro 20
4000 Molasses same
consistancy as Glucose used.
Co plated tubes Rings on before
packing 50 Dble tamps
Wt
Cal
T

717 Dup of 716
Wt
Cal
T

718 Dup of 716
Wt
Cal
T.

719 Dup of 716
Except Ni plated tubes
rings on before pkg.
21000 absorbed to _____
Wt
Cal
J

720 Dup of 719
Wt
Cal
J

721 Dup of 719
Wt
Cal
J

722	5.338	271	49
23	5.718	271	50
24	5.446	272	49

	1	2	3	4	5	6
722	715	831	807	845	849	855
23	618	805	815	841	777	805
24	740	897	872	900	900	942

722 21000 absorbed to 21,650
9000 flake - this 20
4000 Glucose
Cobalt plated takes rings on before packing
These are to be soaked 12 hrs in water same as others without changing water.
Want to see effect of poor cooking out of Glucose

Wt 5.338
Col 271
T 49

723 Dup of 722

Wt 5.718
Col 271
T 50

724 Dup of 722

Wt 5.446
Col 272
T 49

725	5.367	272	48
26	5.543	272	50
27	5.520	271	48

	1	2	3	4	5	6
725	600	787	792	822	782	822
26	617	802	807	845	805	845
27	595	800	787	831	806	836

725 21.000 absorbed to 21.720
9000 Co flake thro 20
4000 Glucose
Co plated tubes, rings on before
packing 50 Double tamps
Run in 21% Caustic soda.
Wt 5.367
Cal 272
T 48

726 Dup of 725
Wt 5.543
Cal 272
T 50

727 Dup of 725
Wt 5.520
Cal 271
T 48

728	5.517	272	49
29	5.517	272	50
30	5.566	272	48

	1	2	3	4	5	6
728	642	830	837	867	872	868
29	645	807	817	850	878	860
30	646	827	838	870	847	885

728 Dup of 725
Except Ni plated tubes
Rings on before packing
21000 absorbed to 21673

Wt 5.517
Cal 272
J 49

21% Na OH

729 Dup of 728
Wt 5.517
Cal 272
J 50

730 Dup of 728
Wt 5.566
Cal 272
J 48

731	5.664	271	50
32	5.755	271	49
33	5.768	271	50

	1	2	3	4	5	6
731	411	630	708	753	780	800
32	468	651	700	733	743	778
33	440	631	694	728	700	757

731. Dup of 725
Except run in 15% NaOH
Cobalt tubes rings on before packing
21000 absorbed to 21.630

Wt 5.664
Cal 271
J 50

732 - Dup of 731
Wt 5.755
Cal 271
J 49

733 - Dup of 731
Wt 5.768
Cal 271
J 50

734	5.492	271	50
35	5.405	271	49
36	5.455	271	49

		1	2	3	4	5	6
734	488	705	740	763	715	757	
35	410	625	682	726	670	717	
36	515	677	700	733	694	742	

734 Dup of 725
Except run in 15% NaOH.
Ni plated tubes rings on
before packing
21.000 absorbed to 21.700

Wt	5.492
Cal	271
J	50

735 Dup of 734

Wt	5.405
Cal	271
J	49

736 Dup of 734

Wt	5.455
Cal	271
J	49

737 21000 absorbed to _____
9000 Co flake thru ~~40~~ 20
4000 Glucose
Co plated tubes rings on ~~after~~
packing 50 Sole tamp
Run in 15% KOH.
Wt
Col
J

738 Dup of 737
Wt
Col
J

739 Dup of 737
Wt
Col
J

740 Dup of 737
Except Ni plated tubes
21000 absorbed to _____
Wt
Cal
J

741 Dup of 740
Wt
Cal
J

742 Dup of 740
Wt
Cal
J

42000 thro 20 - lateral green
9000 Co flake thro 20
new big lot after coming
from florida -

743 ~~Dup of 737~~
Except run in 33% KOH
Co tubes: rings on Aftex packing
21,000 absorbed to
all crack one end: Wt 6.845 4000 glucose -
Cal
J48 green wet with 20cc
Ethyl first then added

744 Dup of 743 4000 glucose - very
Wt 6.580 sticky + Gulky
Cal 18000 Co flake -
J51

745 Dup of 743
Wt 6,285
Cal
J. 51

746 Dup of 743 — Same mix
Except run in 3370 KOH
Ni plated tubes rings on after
packing
~~[illegible]~~
Wt 6.670
~~Cal~~
J 51

747 Dup of 746
Wt 6.805
Small crack one end ~~Cal~~
J 48

748 Dup of 746
Wt 6.915
~~Cal~~
J. 49
Dont flow well

749 21000 absorbed to _____
9000 Co flake thro 20
4000 Glucose.
Co plated tubes.
Double the number of rings
on ~~Before~~ loading
Run in 21% KOH.
Wt
Cal
T

750 Dup of 749
Wt
Cal
T

751 Dup of 749
Wt
Cal
T

752	6.061	271	49
53	5.987	272	49
54	5.805	271	48

	1	2	3	4	5	6
752	127	590	762	841	885	900
53	577	727	790	802	792	802
54	587	762	817	827	830	815

752 21000 absorbed to 21.650
9000 Cs flake thro 20
4000 Glucose
Cs plated tubes rinys on before play
50 Double ~~tamps~~ 21% KOH
Always to run cold.
Wt 6.061
Cal 271
T 49

753 Dup of 752
Wt 5.987
Cal 272
T 49

754 Dup. of 752
Wt 5.805
Cal 271
T 48

5987
7
4.1907

755	5.478	272	48
56	6.069	271	49
57	6.089	272	49

	1	2	3	4	5	6
755	665	782	816	870	792	800
56	636	815	886	895	875	877
57	687	865	927	945	897	917

755 Dup of 752.
Except in plated tubes
21.000 absorbed to 21.610

Wt.	5.478
Cal	272
J	48

756 Dup of 755

W	6.069
Cal	271
J	49

757 Dup of 755

W	6.089
Cal	272
J	49

	1	2	3	4	5	6	
758	642	800	875	882	872	831	
59	640	787	872	835	802	832	
60	595	790	872	900	878	895	

758 Dup of 752
Except Co plated tubes rings
on after packing
21.000 absorbed to ~~21.165.0~~

Wt 5.725
Cal 273
J. 48

759 Dup of 758
Wt 5.720
Cal 273
J 49

760 Dup of 758
Wt 6.001
Cal 272
J. 49

761	6.141	274	49
62	6.543	274	50
63	6.440	273	49

	1	2	3	4	5	6
761	667	868	935	950	940	960
62	560	775	845	877	850	877
63	545	761	900	936	925	947

761 Dup of 752
Except Ni plated tubes rings
on after packing
21 000 absorbed to 21.660

Wt 6.141
Cal 274
J 49

762 Dup of 761

Wt 6.543
Cal 274
J. 50

763 Dup of 761

Wt 6.440
Cal 273
J. 49

6448
51 54

764	5,982	271	50	
65	5,959	271	49	
66	6,267	271	50	

		2	3	4	5	6	
764	567	795	870	900	860		
65	550	767	850	873	845		
66	587	917	882	921	942		

764 Dup of 752 exact.
~~21,000~~ absorbed to 21,670

These are to be used to determine charge + discharge rates, economy ~~etc~~ not to go on endurance
~~If~~ if it gets cold enough to make a charge and discharge test
Give 5 reg runs before the above,

Wt	5,982
Cal	271
I	50

~~765 Dup of~~

765 Dup of 764

Wt	5.959
Cal	271
J	49

766 Dup. of 764

Wit 6.267
Col 271
J. 50

767 21,000 absorbed to _____
9000 Co flake thru 20
4000 Silicone
Co plated tubes No rings
50 Sble Temps 2170 KOH
Off
Cal
J

768 Dup of 767
Off
Cal
J.

769 Dup of 767
Off
Cal
J.

770 Dup of 767
Except Ni plated tubes
~1000 absorbed to
Wt
Cal
J

771 Dup of of 770
Wt
Cal
J.

772 Dup of 770
Wt
Cal
J

thro 20 — 20cc alcohol

773 42000 ~~absorbed to~~
18000 Coflake thro ~~[illegible]~~ 20
8000 Glucose
Coflated tubes rings on ~~before~~ after packing 50 Dbl tamps
These are to be assembled in cells in 21% and soaked one week before sending up stairs to test

Wt 6.250
Cal
T 50

Falkey
wit

774 Dup of 773

Wt 6.330
Cal
T 49

775 Dup of 773

Wt 6.215
Cal
T 49

Small crack one end

V

776 Dup of 773
Except Ni plated tubes
~~[illegible] [illegible]~~
Wt $ 6.130
Cal
J 50

777 Dup of 776
Wt 6.450
Cal
J 50

778 Dup of 776
Wt 6.650
Cal
J 49

779 42000 thro 40 mesh fines 20cc alcohol
all in ~~[illegible]~~
18000 Co flake thro 20
? 18000 Glucose
Co plated tubes, rings on ~~before~~ after
packing 50 Dble tamps
Ht
Cal
J

Note 12000 glucose to allow for fines

780 Dup of 779
Ht
Cal
J

781 Dup of 779
Ht
Cal
J.

782 Dup of 779
Except Tri plated Tubes
~~[illegible] [illegible] to~~
Wt
Cal
J

783 Dup of 782
Wt
Cal
J

784 Dup of 782
Wt
Cal
J.

785 — 42000 thro 60 fines all in
~~glucose to~~ 20 CC alcohol
18000 Co flake thro 20
13000 ~~[illegible]~~ Glucose
Co plated tubes rings on ~~before~~ after pkg.
60 dble tamps
Wt
Cal
J
Note 13000 glucose

786 Dup of 785
Wt
Cal
J

787 Dup of 785
Wt
Cal
J.

788 Dup of 785
~~[illegible]~~
Except Ni plated tubes
JH
Cal
J.

789 Dup of 788
JH
Cal
J

790 Dup of 788
JH
Cal
J.

791 21000 thru 100 fines all in
absorbed to
9000 Co flake thru 20
? 4500 Glucose
Co plated tubes rings on ~~before~~ after
packing 50 Dble tamps
Wt
Cal
T.

792 Dup of 791
Wt
Cal
T.

793 Dup of 791
Wt
Cal
T.

794 Dup of 791
Except Ni plated tubes
21000 absorbed to _____
Wt
Cal
J.

795 Dup of 794
Wt
Cal
J.

796 Dup of 794
Wt.
Cal
J

797 21000 thro 50 fines all in
absorbed to
6000 Co flake thro 20
? 4500 Glucose
Co plated tubes rings on ~~before~~ after
packing 50 Dble tamps
Wt
Cal
T

798 Dup of 797
Wt
Cal
T.

799 Dup of 797
Wt
Cal
T.

800 Dup of 797
Except Ni plated tubes
21000 absorbed to _____
Wt
Cal
J.

801 Dup of 800
Wt
Cal
J

802 Dup of 800
Wt
Cal
J.

803 21,000 thru 80 fines all in
absorbed to
6000 Co Flake thru 70.
? 4500 Glucose
Co plated tubes rings on ~~before~~ after
packing 50 Dble tamps
WH
Col
T

804 Dup of 803
WH
Col
T

805 Dup of 803
WH
Col
T

806 Dup of 803
Except in plated tubes
21000 absorbed to _____
~~W~~
~~Cal~~
~~J.~~

807 Dup of 806
Wt
Cal
J.

808 Dup of 806
Wt
Cal
J.

809 21000 thus 100 fines all in
absorbed to
6000 Co flake thus 20
3.4500 Glucose
Co plated tubes rings on ~~before~~ after
packing 50 dble tamps
Wt
Cal
J.

810 Dup of 809
Wt
Cal
J.

811 Dup of 809
Wt
Cal
J.

812 Dup of 809
Except Ni plated tubes
21000 absorbed to _____
Wt
Cal
T.

813 Dup of 812
Wt
Cal
T.

814 Dup of 812
Wt
Cal
T.

815 21000 green thro 60 fines all in
absorbed to
9000 Co flake thro 20
4500 Glucose
Co plated tubes rings on ~~before~~ after play
50 Dble stamps
Run in 33% KOH
Wt
Cal
T.

816 Dup of 815
Wt
Cal
T.

817 Dup of 815
Wt
Cal
T.

818 Duplicate of 815 except
Mr plated tubes
21000 absorbed to _____
Wt
Cal
T.

819 Dup of 818
Wt
Cal
T.

820 Dup of 818
Wt
Cal
T.

821 21000 green thro 100 fines all in absorbed to

9000 Co flake thro 20

? 4500 Glucose

Co plated tubes rings on ~~before~~ after pkg

50 Dble tamps Run in 33% KOH

Wt

Cal

T.

822 Dup of 821

Wt

Cal

T.

823 Dup of 821

Wt

Cal

T.

824 Dup of 821 Except ni plated tubes
21000 green absorbed to
Wt
Cal
T.

825 Dup of 824
Wt
Cal
T.

826 Dup of 824
Wt
Cal
T.

	1	2	3	4	5	6
827	405	510	500	477	513	518
28	387	445	460	457	480	480
29	390	462	465	460	456	487
30	397	467	475	500	510	517
31	367	412	405	415	425	432

Dup of 446

827 21000 absorbed to 21.640
9000 Co flake
4000 Silicone

Loaded in reg flat pockets and pressed 100 atmos smooth & 250 atmos corrugating
3.4 grams put in each exp.
Reg Iron pockets
Wt 3.4
Cal 86 87-84

Duplicates of 827.

828	W/A	3.4	Cal	83	86-86
829	W/A	"	Cal	85	86-89
830	W/A	"	Cal	86	88-88
831	W/A	"	Cal	87	91-86

832 21000 absorbed to 21620
9000 Co flake
4000 Glucose
Loaded in reg flat pockets
and pressed 100 Atmos smooth
and 250 Atmos corrugating
3.4 grams put in each pocket
loose (not made into cake.
Dry Irons
Wt
Cal

Can not load without making
cake too bulky

Duplicates of 832

833 WK Cal

834 WK Cal

835 WK Cal

836 WK Cal

837 = 21000 absorbed to through 40 mesh
4500 Co flake 2/10000 thick, (16) twice as thick
as regular. Tubes Co plated 4000 glucose.
50 Double T Rings on before pkg -
Wt
Cal
T

838 Dup of 837 -
Wt
Cal
T

839 Wt
Cal
T

840 - Dup of 837 Except Ni plated Intacs grown.

Wt
Cal
T

841 Dup 840
Wt
Cal
T

842 Dup 840
Wt
Cal
T

Thro 40

843 21000 absorbed to ———— 6000

Coplate 2/10 000 thick 4000 glucose

Coplate tubes, 50 Double T -

Rings on before pkg.

Wt

Cal

T

844 Dup 843

Wt

Cal

T

845 Dup 843

Wt

Cal

T

846 Dup of 843 Except nickel plated
tubes ___ absorbed to _____

Wt
Cal
T

847 Dup of 846
Wt
Cal
T

848 - Dup 846
Wt
Cal
T

849 — 21000 grain absorbed to 22000
or as near that as possible / not less —
weight _____. Thro 40 mesh
4000 Glucose. 9000 Co flake 1/10000
Reg Thickness Co plated tube rings
on ~~before~~ after pkg 50 Double T.

Wt
Cal
T

850 Dup of 849
Wt
Cal
T

851 Dup 849
Wt
Cal
T

852 Dup of 849 – Except nickel plated tubes – absorbed to ——

Wt
Cal
T

853 Dup 852

Wt
Cal
T

854 Dup 852

Wt
Cal
T

855 – 21000 absorbed to 22500 or as near that as possible not less – absorbed
9000 Coflake Regular 4500 glucose
green thro 40 mesh Capsulated tube
50 Double T –
Wt
Cal
T

856 Dup of 855
Wt
Cal
T

857 Dup of 855
Wt
Cal
T

858 Dup of 855 - absorbed to
Nickel plated tubes —

Wt
Cal
T

859 - Dup of 858
Wt
Cal
T

860 Dup of 858
Wt
Cal
T

861 21000 absorbed 48 hours
absorbed ——— 9000 Co flake
Rig — 4000 glucose 50 Double T
Co plated tubes Rings on before
pkg —

Wt
Cal
T

862 Dup 861
Wt
Cal
T

863 Dup 861
Wt
Cal
T

864 Dup of 861 Except Niplated tubes - absorbed

Wt
Cal
T

865 Dup 864 -
Wt
Cal
T

866 - Dup 864
Wt
Cal
T

867 Dup of 837 - Except green thro
80 mesh — absorbed

Wt
Cal
T

868 Dup 867
Wt
Cal
T

869 - Dup 867
Wt
Cal
T

870. Dup of 843 except green
thro 80 mesh / absorbed ——

~~Wt~~
~~Cal~~
~~T~~

871 Dup 870
Wt
Cal
T

872 Dup 870
Wt
Cal
T

873 Dup of 849 - except green
Wrought 80 - [illegible]

Wt
Col
T

874 Dup 873
Wt
Col
T

875 Dup 873
Wt
Col
T

876 Dup of 855 Except green
thro 80 mesh absorbed

Wt
Cal
T

877 Dup 876
Wt
Cal
T

878 Dup 876
Wt
Cal
T

879 - Dup of 861 Except green
Thro 80 mesh - abraded

Wt
Cal
T

880 Dup 879

Wt
Cal
T

881 Dup 879

Wt
Cal
T

20cc alcohol

882 42000 green thro 40 mesh absorbed
to _____ 18000 Coflake 8000 glue
Coplated tubes, 50 Double T
Rings on Offer pkg -
Run in 21% KOH, Each cell
Containing 500 Milligrams glycerine -
Wt
Cal
T

883 Dup 882
Wt
Cal
T

884 Dup 882
Wt
Cal
T

885. Dup of 882 except Ni plated tubes, ~~[illegible]~~

Wt
Cal
T

886 Dup 885

Wt
Cal
T

887 Dup 885

Wt
Cal
T

Tried thinning down but it
lost all stacky propulsion
put 8 cc to 8000 glucose
& use 42000 green thro 20
no good -

888 21000 absorbed to _____ thro 40
mesh 9000 Ca flake 4000 glucose
thinned down, Co-placed tube
50 D.T. Rings on offers pkg
Wt
Cal
T

889 Dup 888 Tri
Wt
Cal
T

890 - Dup 888
Wt
Cal
T

891 Dup of 888 Except ni
plated tubes - absorbed to

Wt
Cal
T

892 Dup 891 -
Wt
Cal
T

893 Dup 891
Wt
Cal
T

20cc alcohol

894 - 42000 through 20 absorbed to —
18000 Coflake - 4000 glucose 50 DT
Co plated - percolate out glucose
- dry - then soak in Concentrated
warm sol of Nickel Chloride in Methyl
alcohol, dry + then precipitate
by KOH, boil, + dry - Run Reg -
Run on after pkg -

895 Dup 894
Wt
Col
T

896 - Dup 894
Wt
Col
T

897 = Dup of 894 Except ni
plated tuba, ~~[illegible]~~

Wt
Cal
T

898 Dup 897

Wt
Cal
T

899 Dup 897

Wt
Cal
T

900 Dup of 894 ~~[illegible]~~
but rings not put on before pkg
but Corrugated 200 atmospheres
& rings put on after Corrugating

Wt
Cal
T

901 Dup of 900

Wt
Cal
T

902 Dup of 900

Wt
Cal
T

20cc alcohol

903- 42000 through 40 - absorbed to
8000 Coflake - 8000 glucose
Coflated tube - green mixed a long
time to evenly distribute & break up
aggregates - Rings on after pkg
50 Double T

Made

Wt 6.880
Cal Note mixing
T 49

904 Dup of 903

Wt 6.645
Cal
T 48

905 Dup of 903

small crack one end

Dust flow well

Wt 6.290
Cal
T 48

Mix sticky flows - Mixed for 6 to 10 min
Very bulky
welded to fluted

Made

906 Dup of 903 Except nickel plated tubes - ~~absorbed~~

Wt 6.515
Cal
T 49

907 Dup 906

Wt 6.558
Cal
T 49

908 Dup 906

Wt 6.513
Cal
Lost load well T. 50

909 Dup of 903 Except absorbed
to 22000, not less - absorbed

Wt
Cal
T

910 Dup 909
Wt
Cal
T

911 Dup 909
Wt
Cal
T

20cc alcohol

912 ~~42~~000 thru 40 ~~9000 alcohol~~
18000 Co flake. 8000 glue rings on
~~Co flake~~ 50 DT put in tube
thru

No lap —

Wt
Cal
T

913 Dup 912
Wt
Cal
T

914 Dup 912
Wt
Cal
T

915 Dup of 912 except Ni plated
~~above~~

Wt
Cal
T

916 Dup of 915

Wt
Cal
T

917 Dup of 915

Wt
Cal
T

918 21000 ~~40~~ 20 mesh soaked in
Fluoride of Bismuth Conc 48 hours —
then put in KOH + boiled washed
dried + then absorbed water —
9000 Coflake 4000
glucose 50 DT Ringrafler pkg
Co. Plated Tubes

Wt
Cal
T

919 Dup 918

Wt
Cal
T

920 Dup 918

Wt
Cal
T

921 Dup of 918 Except ni plated tubes absorbed

Wt
Cal
T

922 Dup 921

Wt
Cal
T

923 Dup 921

Wt
Cal
T

924 . 21000 30 mesh green 9000 Coflake
Rolled old way with KOH
by fred OCC, Co. plated tubes
50 DT Rings on after pkg

Wt
Cal
T

925 Dup 924
Wt
Cal
T

926 Dup 924
Wt
Cal
T

927 - Dup of 924 Except
Nipplated tube

Wt
Col
T

928 Dup 927
Wt
Col
T

929 - Dup 927
Wt
Col
T

930. Dup of 924. Except rolled with water only —

Wt
Cal
T

931 Dup 930

Wt
Cal
T

932 Dup of 930

Wt
Cal
T

933 Dup of 930 Except Niplated
tubes

Wt
Cal
T

934 — Dup 933
wt
Cal
T

935 Dup 933
wt
Cal
T

936 - 42000 thro 20 absorbed
no flake or glucose
50 Double T - Co plated tube
Rings on after pkg -
Wt
Cal
T

937 Dup 936
Wt
Cal
T

938 Dup 936 -
Wt
Cal
T

939 Dup of 936 Except Ni
plated tubes

Wt
Cal
T

940 Dup 939

Wt
Cal
T

941 Dup 939

Wt
Cal
T

942 ~~42~~ 2000 Ilno ~~[illegible]~~ 20 - absorbed
~~8~~ 9000 Coflake 8000 glucose
50 DT Rings ~~[illegible]~~ pkg - 6 tubes
Run in 21% KOH containing 250 milligrams
Chlorate Potash each cell.

Wt
Cal
T

943 Dup 942

Wt
Cal
T

944 ——

Wt
Cal
T

945 Dup of 942 Except Ni plated

Wt
Cal
T

946 Wt
Cal
T

947 Wt
Cal
T

948 21.000 thru 20 (9000 Co) — ~~[illegible]~~
~~[illegible]~~ no glucose put in
pinch green then pinch flake -
+ so on 2 Tamps between Each
Section 50 Double T -
Co plated tubes -
Rings on ~~[illegible]~~ kkg

Wf
Cal
T

949 —— Wf
Cal
T

950 Wf
Cal
T

951 Dup of 948 Except in plated tube - ~~[illegible]~~

Wt
Col
T

952 Wt
Col
T

953 Wt
Col
T

954 Dup of 948 Except
Corrugated 200 almosphere
rings on after pkg

~~Wt~~
~~Cal~~
~~T~~

955 Wt
Cal
T

956 - Wt
Cal
T

Thus 20 20cc alcohol

957 / 42000 ~~absorbed to~~
8000 glue 18000 Co flake
50 D.T. Rings on after pkg Co plated
tubes. 21% KOH, containing 500
Milligrammes Recently precipitated
Sulphide of Antimony in Each
Cell —

Wt
Cal
T

958 Wt
Cal
T

959 Wt
Cal
T

960 - Dup of 957 - Except Ni
Plated tube ~~[illegible]~~

Wt
Cal
T

961 Wt
T

962 Wt
T

963. Dup of 957 Except
250 milligrammes of Acetone
Co. plated tube ~~[illegible]~~

Wt
T

964 Wt
T

965 Wt
T

966- Dup of 963 Except nipleted tubes ~~[illegible]~~

$\frac{W^{f}}{T}$

967 $\frac{W^{f}}{T}$

968 $\frac{W^{f}}{T}$

969 – Regular Grafite mix
50 Double Taumps
rings on ~~after~~ pkg Co plated
tube

Wt
T

970 Wt
T

971 Wt
T

972 Dup of 969 - Except
pked without rings &
Corrugated 200 atmosphere
Rings on after pkg -

Wt
T

973 Wt
T

974 Wt
T

975 42000 moistened with mixture of Ammonia & Chloride Ammonia dried — 18000 Coflake 8000 glue 50 D.T. rings on before pkg. Coplated tubes —

$\frac{Wf}{T}$

976 $\frac{Wf}{T}$

977 $\frac{Wf}{T}$

978 Dup of 975 except nipplated tubes

Wt
T

979 Wt
T

980 Wt
T

Fried Expert used 42000 green thro 20 fine all in - few fine - 19 cc 95% alcohol - Wet green worked in 3 or 4 minutes quite damp, then weighed it to see how much alcohol took up - 18240 milg Alcohol used assuming al 960 milg to a cc

Before 42000

after 53100 - showing 11100 milg alcohol -

Lost 7140 milg in Manipulating

981 - 42000 thro ~~40~~ 20 absorbed 20 cc alcohol

8000 glue 18000 Co flake, to be soaked out in 5% ammonia instead of KOH, 50 DT. rings on ~~Oxfer~~ pkg Co plated tubes.

Wf
T

982 Wf
T

983 Wf
T

984 - Dup of 981 Except ni
plated ~~[illegible]~~

Wf
T

985 Wf
T

986 Wf
T

987 ~~42~~ 2000 green thro ~~40~~ 20 containing 20 cc alcohol
10% of Cobalt hydroxide
the 2 sulfate being precipitated
together 18000 Coflake 8000
glucose - 50 DT rings in
~~after~~ after pkg - Co plated tubes
absorbed to

Wt
~~Cal~~
T

988 Wt
~~Cal~~
T

989 Wt
T

990 Dup of 987 except
Ni plated tubes
~~absorbed to~~

Wt
T

991. Wt
T

992 Wt
T

993 — 21000 lbs ~~40~~ 20 absorb to —
4500 gln 9000 Coffeeko —
packed with tight fitting plunger
rings in before pkg —
50 DT Co Tube —

Wt
T

994 Wt
T

995 Wt
T

996- Dup of 993
Except ni plated tubes
absorbed to

Wt
T

997 Wt
T

998 Wt
T

999 Dup of 993 Except
packed with a much smaller
plunger than Regular -
absorbed _____ Co. Tubes

Wt
T

1000 Wt
T

1001 Wt
T

1002 Dup 999 - Except Ni plated tubes - absorbed

Wt
T

1003 Wt
T

1004 Wt
T

1005 21000 absorbed 24 hours — 1hr 20
9000 Co flake 1hr 20 — 4000 Glue
Rungo on after packing. Co plated
tube, Soak out reg & after cell is
assembled put in 21% KOH &
Soak One week before sending
up - Train - .50 DT
WT
T

Dup 1006
1 WT
T

Dup 1007 WT
T

1008 Dup of 1005 Except
Niplated tubes —

Wt
T

1009 Wt
T

1010 Wt
T

Thu 20 20cc alcohol containing 2 gm KCy dissolved

1011 42000, moistened with KCy
then dried + 8000 glue/8000
Coflake, Coplated Tube,
Rings on after pkg. 50 DT

Wt
T

Dup 1012 Wt
T

Dup 1013 Wt
T

1014 Dup of 1011 Except Ni tubes

Wt
T

1015 Dup Wt
T

1016 Dup Wt
T

1017 42000 thru 20 absorbed
24 hours, 8000 glue 18000
Caflake Co tube, rings
on after pkg 50 DT —
after soaking out glucose
dry + then dip in strong
Kty + dry then assemble
+ put in 21% KOH for 24
hours, change KOH + send
up stairs.

Wf
T

Dup 1018 Wf
T

Dup 1019 Wf
T

1020 Dup of 1017 Except.
Nipplated Lifbas —

Wf
T

1021 Wf
T

1022 Wf
T

1023 Reg iron mix, ~~[illegible]~~ no rings on, 50 DT, assemble with 4 thick nickels, charge & discharge once, Cold, then Charge fully remove the iron pocket when Charged & put in Ethyl alcohol then Charge alcohol put in fresh alcohol, Edison will do it dry & Corrugate 250 atmos then put rings on & assemble again —
Coplated tubes —

Wt
T

1024 Dup Wt
T

1025 Dup Wt
T

1026- Dup of 1023 Except Mi
plated Wheels —

Wt
T

1027 Wt
T

1028 Wt
T

1029 - 5 Reg pockets Reg
iron 4 1/2 gammas -
Smooth press 100, Corrugate
250 atmos, assemble each
iron with 4 nickels -
Charge & discharge three times then
Recharge fully - Remove iron &
soak in Ethyl alcohol twice
Dry & Recorrugate at
250 atmos assemble &
run again Cold several
times

1030

1031

1032

1033

1034 – 42000 Green Two ~~40~~ 20 mesh 20 calcined
absorbed water 24 hours
8000 glucose 18000 Co Cake
Co plated tubes, 50 BT,
3½ lb Weight on tamp rod,
~~20~~ Rings on after pkg
Wt
T

1035 Wt
T

1036 Wt
T

1037 Dup of 1034 Except N
tubes

Wf
T

1038 Wf
T

1039 Wf
T

1040 — Dup of 1034 Except
4 lb weight

Wt
T

1041 Wt
T

1042 Wt
T

1043 Dup of 1040 Except
Ni plated tubes
WT
T

1044 WT
T

1045 WT
T

1046 Dup of 1034 Except
4 1/2 lb Weight

Wt
T

1047 Wt
T

1048 Wt
T

1049 Dup of 1046 Except
Ni plated tubes

Wt
T

1050 Wt
T

1051 Wt
T

1052 Dup of 1034
Except 5 lbs weight

Wt
T

1053 Wt
T

1054 Wt
T

1055 Dup of 1052
Except ni plated tubes

Wt
T

1056 Wt
T

1057 Wt
T

1058 – 21000 absorbed 24 hours
9000 Coflake 4000 Glucose
Rings on after packing Coplated
Tube packed by 3½ pound weight
Lamp – 50 Ω

Wt
T

1059 Wt
T

1060 Wt
T

1061 Dup of 1058 Except nickel plated tubes

WT
T

1062 WT
T

1063. WT
T

1064 Same as 1058 except packed with 4 lb weight on plunger —

Wt
T

1065 Wt
T

1066 Wt
T

1067 - Same as 1064 Except
Nickel plated tubes —

~~Wf~~
~~T~~

1068 Wf
T

1069 Wf
T

42000 given absorbed 24 hours
18000 taken
8000 given [illegible]

1070 Same as 1058 except $4\frac{1}{2}$ pound weight on plunger

Wt

1071 Wt
T

1072 Wt
T

1073 Nickel tubes. Wt
T

1074 " Wt
T

1075 " Wt
T

Double portions of Regular
42000 etc.

1076 Same as 1058
Except, 5 lbs weight on plunger

Wt
T

1077 Wt
T

1078 Wt
T

1079 nickel plated tubes Wt
T

1080 " " Wt
T

1081 " " Wt
T

1082 42000 green ~~alcohol 24 hours~~ 20cc alcohol
18000 Coflake, 8000 glucose
after mixing + put in bottle
Let it rest 3 or 4 days then
pack regular rings on after
pkg - Coplated tube 50 DT

Wt
T

1083 Wt
T

1084 Wt
T

1085 Niplated tube Wt
T

1086 " Wt
T

1087 " Wt
T

1088 42000 Ilno 20 all [illegible] ~~[illegible]~~
18000 Co flake 8000 glucose
50 DT Rings on after packing
Co plated tubes

~~Wt~~
~~T~~

1089 Wt
T

1090 Wt
T

1091 with Nickel tubes - Wt
T

1092 " Wt
T

1093 Wt
T

~~1091 Same as 1088 except m~~

1094 42000 Thro 20 all fines in ~~abrasive 24 hours~~ 9000 Coflak 4000 Glucose - 50 O.T. Co plated tubes Rings on ~~after~~ pkg —

Wt
T

1095 Wt
T

1096 Wt
T

1097 Nickel plated tubes Wt
T

1098 " Wt
T

1099 " Wt
T

thro 20 fines all in

1100, 42000 absorbed 24 hours
9000 Co flake & 4000 glucose -
25 Double Tamps Rings on After

Phy — Co. plated tubes
Wt
T

1101 Wt
T

1102 Wt
T

1103 Nickel plated tubes Wt
T

1104 " Wt
T

1105 Wt
T

1106 Same as 1100 Except 75
Double Tamps

~~Wt~~
~~T~~

1107 Wt
T

1108 Wt
T

1109 Nickel plated tubes Wt
T

1110 " Wt
T

1111 Wt
T

1112 – Same as 1100 Except 100 Temps

Wt
T

1113

Wt
T

1114

Wt
T

1115 nickel plated tubes

Wt
T

1116 "

Wt
T

1117

Wt
T

1118 42000 absorbed 24 hours -
9000 Coflake Not passed through
Hydrogen
4000 glucose
50 Double Tamps Coplated tube

Wt
T

1119 Wt
T

1120 Wt
T

1121 Metal plated Wt
T

1122 " Wt
T

1123 " Wt
T

1124 42000 only absorbed to 43250
9000 Coflake not passed Thro Hydrogen
50 Double Tamps 4000 glucose
Coplated tube —
Wt
T

1125 Wt
T

1126 Wt
T

1127 nickel plated tube
Wt
T

1128 " Wt
T

1129 " Wt
T

1130 - 42000 thro 20 20cc alcohol
18000 Coflake thro 20 - 7000 glucose
rings on after pkg 50 Double T
Co plated tubes —

	Wt 6.658
	T 48
1131	Wt 6.691
	T 50
1132	Wt 6.633
	T 49
1133 Nickel plated	Wt 6.540
	T 50
1134	Wt 6.588
	T 47
1135	Wt 6.465
In ll crack one end	T 49

1136 42000 thro 20 20cc alcohol
18000 Coflake 6000 glucose
50 DT Coplated tube rings on
after pkg

Wt
T

1137 Wt
T

1138 Wt
T

1139 Nickel tube Wt
T

1140 Wt
T

1141 Wt
T

~~1142 42000 Hro 20 [illegible]~~
~~16cc [illegible] 95% alcohol & 4 cc water~~

1142 42000 Hro 20 – 18 cc of alcohol
95% of which 4 cc is water 14
alcohol 18000 Cobalt flake Hro 20
8000 glucose – 50 DT
rings on after pkg – Coptated tubes
Wt 7.072
T 53
1143 Wt 6.762 Tried it – its
T 49 no use the water
1144 Wt 6.812 destroyed all
T 48 the sticky properties
& there was bad
1145 Nickel tubes Wt 7.185 Segregation
T 52 Will try tubes
1146 " Wt 6.9 Anyway –
T 49 The proportion of
flake will
1147 Wt 6.48 increase as lot
T 45 Segregates –

Mix segregated S

Mix segregated S

3.46

This is not so sticky as 20 alcohol only worked a little. The dampness is greater than when worked several minutes as this was - some particles were dry noticed that green much more broken up than if only worked little while - although this mix is not so sticky as with 20 al on little worked & damper its probably sticky enough as the bulk of mix was great it filled 2 battles + little over which shows greater bulk than 20 al wked only little, but not very much more bulk.

It would probably be better to use 18 alcohol

1148 42000 Thro 20 fines in -
Wet with 19 cc of 95% Ethyl Alcohol
Manipulated it in air until it weighed by loss of alcohol - 51480 -
it is still quite damp
8000 glucose 18000 Cobalt
flake thro 20 - Rings on after
pkg - 50 DT. Co Related +

	Wt	6.485
	T	49
1149	Wt	6.795
	T	49
1150	Wt	6.430
	T	50
1151 nickel tube	Wt	6.790
	T	49
1152	Wt	6.710
	T	50
1153	Wt	6.860
	T	49

3.65 [illegible]

Glycerine mixes ok with the alcohol —
~~[illegible]~~ worked & blowed on till green was brish (ie) not wet but hour glassy somewhat yet damp — glucose added it was sticky OK —

Will stand more glycerine I think —

Mix not so bulky as with alcohol only & not dried out so much

Think glycerine will give proper internal lubrication

1154 42000 thro 20 fines in — 18 cc scant Ethyl alcohol of which 4 cc ~~[illegible]~~ of glycerine dissolved — total 18 cc —
18000 Cobalt flake thro 20,
8000 glucose Co plated tube
50 DT. rings on after pkg —
Cracks on one end, Wt 6.765
T 49

1155 — Wt 6.660
T 48

1156 Crackoned Wt 6.730
more sticky cake on end of plunger T 49

1157 Nickel Tubes Wt 7065
T 50

1158 " Wt 7050
T 47

1159 " Wt 6815
T 48

Sticky — Sticks to bottom of plunger

1160 – 42000 thro 20 fines in –
18 cc alcohol, of which 6 cc is
glycerine dissolved in the
alcohol – total 18 cc –
18000 Cobalt flake thro 20
8000 glucose
50 DT Co plated tubes –
Rings on after packing

	Wt	7100
	T	50
1161	Wt	7065
	T	50
1162	Wt	6930
	T	50
1163 Nickel Tubes	Wt	6935
	T	50
1164 "	Wt	7125
	T	50
1165 "	Wt	6725
	T	50

Not so bulky 1½ bottles full
fairly sticky

1166- 42000 thro 20 fines in - 18 cc 21 hyl
Alcohol of which 8 cc is glycerine -
Total 18 - 18000 Cobalt flake thro 20
8000 glucose 50 DT - rings on after
pkg Co plated tubes
Wt 7145
T 48

1167 Wt 7285
T 49

1168 Wt 6905
T 49
Sticks to end of plunger

1169 nickel tubes Wt 7170
T 50

1170 " Wt 7260
T 51
1170 this tube has small crack at one end

1171 Wt 7210
T 51

~~Ot~~ 3.75

Not so bulky 1 1/2 bottles full

fairly sticky –

1172 = 42000 thro 20 fines in 18 cc of ammoniated Ethyl alcohol,
18000 Co-flake thro 20 –
8000 glucose – 50 DT –
Rings on after pkg – Co plated tubes
Wt 6685
T 48

1173 Wt 6550
T 47

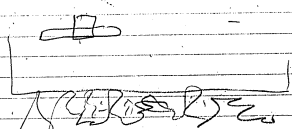
1174 Wt 6355
T 49

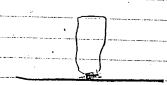
1175 Nickel tubes Wt 6444
T 47

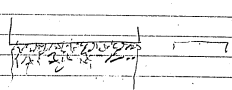
1176 " Wt 6511
T 49

1177 Wt 6632
T 49

3.4







[ITEM FOUND IN BOOK]

I New Edison Tubes
Not Received up to 6-18-06.

		No.
362 to 364	not made ~~#0 mesh green~~	3
471 " 473		3
481½	not enough mix	1
489	not enough mix	1
504	grids not numbered	1
506		1
513		1
573 to 641		73
667 " 672		6
682 " 684		3
690 " 706		17
716 " 721x		6
737 " 742x		6
749 " 751x		3
767 " 772		6
779 " 826		48
	Total	179

[ITEM FOUND IN BOOK]

II.

	No.
Total on	178
832 to 902	71
909 " 1129	221
1136 " 1141	6
1178 on	
Total	477

GEO. H. HOOPER, JR., E.E.

Notebook, N-06-07-09

Burns inside -
All rings on after pkg
all tubes nickel plated -

1178 5 nickel plated tubes in each group
35000 Green thro 20 mesh fines aft in -
16 cc Ethyl alcohol work in air till dry
Enough
6665 glucose - 15000 Co flake thro 20
100 Double Tamps, 3½ lb wt 5" drop -
Tamps
wt

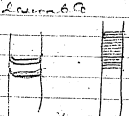
1179 T
wt

1180 T
wt

1181 T
W

1182 T
W

July 9th 1908 – We now have a new loading machine imitating the old idea of packing made in glass tubes. Year ago got it now so it is even increments first put in measured quantity of flake Co then of green Nicoff, then 2 tamps 3½ lb wt falling 5" then again do this again 37 mily green & 16 milgms Co flake making 100 sections in a 3 inch tube. On cutting open the tube by a saw it is seen that the filling is equal. The flake is separate from green & this will probably do the business if it runs well for 3 or 4 months or half last & it cheapens & simplifies mfg to get rid of the glucose mix – We are now trying putting in green then flake & tamping instead of the reverse. To make it perfect, probably there should be 50 sections of green & flake to one inch of tube – The green could be soaked in alcohol etc if lubricant is found desirable



This is way it looks when sawed tube lengthwise –

It turns up which is good plunger slightly rounded

Made

16 milg flake 37 mily green

1183 5 ni plated tubes
35000 green thro 20 mesh all fences in
15000 Co flake thro 20.
Put in tubes dry by the 2 plungers
100 sections double tamps,
No glucose.

Wt 6.103 It makes 111 sections
T 111 in Reg 3" tube.
Cul 274 9/1000 Rings

1184 Wt 6.023
T 100
Cul 274

1185 Wt 6.440
T 100
Cul 273

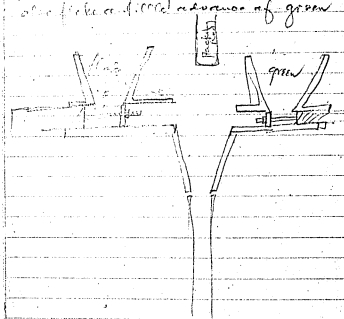
1186 Wt 6.332
T 100
Cul 274

1187 Wt 6.482
T 100
Cul 273

Put right in 2% for several hours before going up
Green 1st Nic. flake, then Tamp –

4390 green

[illegible] going to throw green & flake — [illegible] by how that works — [illegible] flake [illegible] advance of green



1188 5 nickel plated tubes.
35000 green
15000 flake
The green & hopper to be heated up the green to be heated to 150 fahr & tube filled with double plunger feed 100 sections - Double Tamps

Wf
T

1189 Wf
T

1190 Wf
T

1191 Wf
T

1192 Wf
T

1193 = 5 nickel plated Tubes -
35000 green thus 20.
16 cc Ethyl alcohol
15000 Coflake thus 20 1/2 thickness of Reg flake
6665 glucose
10c Double Tamps

Wf
T

1194 Wf
T

1195 Wf
T

1196 Wf
T

1197 Wf
T

1198 Dup of 1193
Except 7500 Co flake 1/2 Thickness

Wf
T

1199 Wf
T

1200 Wf
T

1201 Wf
T

1202 Wf
T

1203 5 ni plated tubes,
35000 green Nico 20
16 cc Ethyl –
30000 Co flake twice as much as req
6665 glucose –
100 Double Tamps.

Wt
T

1204 Wt
T

1205 Wt
T

1206 Wt
T

1207 Wt
T

1208 5 nickel plated Tubes
35000 green 1 kro 20
15000 nickel flake Same Thickness as Reg Co
6665 glucose
16 cc Ethyl
100 Double Tamps

Wt
T

1209 Wt
T

1210 Wt
T

1211 Wt
T

1212 Wt
T

1213. Duplicate of 1208
Except 75 Double T

WT
T

1214 WT
T

1215 WT
T

1216 WT
T

1217 WT
T

1218 group is 440 milgm → less weight than Co flake over.
The nickel flake is [illegible] stiffer + instead of giving 10 milg of flake as it should for each milg the average amount on as only 5.66.
Section varied fibres
5 – 5 – 8 – 5 – 5 – 7 – average 5.66
Milgm –
Tested green & found average –
30 – 30 – 33 – [illegible] per section –

Ni flake not run thro Hydrogen

1218 5 nickel plated tubes.
35000 green thro 20 fines all in
15000 nickel flake thro 20
Put in in 150 sections, Double T
~~[illegible]~~
7 green to 3 nickel – green 1st then flake
green 1st flake 2nd then Tamp then Tamp –
WT 5.819
T

1219 WT 5777
T

1220 WT 5683
T

1221 WT 5669
T

1222 WT 5.695
T

average 5728

4.817 greens

1223 – 5 ni plated tubes,
packed with regular grafite mix.
100 Double Tamps.

LOF
T

1224 LOF
T

1225 LOF
T

1226 LOF
T

1227 LOF
T

Iron through 20 mesh on 100 mesh
10 flake 26 of iron mg per section

1228. Two nickel plated tubes,
Ferric hydrate by precipitation rounds
just like we make green Ni hydrate
Thro 20 mesh all fines in —
Cobalt flake 3 to 4 of iron —
packed in 100 sections by new
Plungers — Double Tamp — run with
6 nickel, 4 grm

$\frac{W}{T}$ f 7.257

1229 $\frac{W}{T}$ f 7.384

5.225 Fe Hydroxide

2.717 metallic

1230 Two nickel plated tubes
Ferric hydrated precipitated with
15% of Mercury by same process
as we use for making Ni hydrate,
Put in in 100 sections by plungers
Double Tamps

Wt 6.689
T

1231 Wt 6.635
T

1232 = Dup of 1230 Except
35000 ferric hydrate
15000 Co flake
6665 g Choose
1600 Ethyl -
100 Double lamps -

Wt
T

1233 Wt
T

Save balance mix

1234 Ni tubes,
35000 Reg mix Iron
15000 Cobalt flake
Put in by new plungers, 7 of Iron
to 3 of flake - 100 sections
Double Tamps - Tamp after flake
goes in

Wf
T

1235 Wf
T

1236 Wf
T

1237 - 5 makel tubes
packed in 100 sections
Double Tamps 7 green to 3
Cobalt flake. The green to
be warmed to 150 of about same as when [illegible] falls when
filling - after [illegible] heaton
hot flake [illegible] 21% NOH

~~[illegible]~~

(Green 1st then flake then tamp)

Wt
T

1238 Wt
T

1239 Wt
T

1240 Wt
T

1241 Wt
T

1175 to 1241
When packed in the
green is put in first
then the flake then tamped
then flake, green & tamped
also on

71 Made

1242 5 nickel plated Tubes
packed 7 green then 20
3 Coated then 20
but in this case the flake
put in first then the green then
tamped also on 150 sections
W of 6.280
T

1243 W of 6.298
T
Small crack one end

1244 W of 6.212
T

1245 W of 6.220
T
Small crack one end

1246 W of 6.072
T
Small crack one end

1247 5 m tubes

35000 green Wire 20
15000 Co Cake Wire 20
6665 gelatine
16cc Ethyl

This is to be used to try of the
Cake plunger will put it
into the tube ok — 100
D Tamps.

Wf
T

1248 Wf
T

1249 Wf
T

1250 Wf
T

1251 Wf
T

Made

1252 = 5 ni plated tubes
packed with new plunger
7 of green thru 20
3 Cobalt flake thru 20
150 sections - Double Tamps

	LOf 6.211	25 mlg green 10 mlg Co flake
	T	
	Cal 272	
1253	LOf 6.192	
	T	
	Cal 274	
1254	LOf 6.227	grams 1st then flake then Tamp
	T	
	Cal 272	
1255	LOf 6.162	
	T	
	Cal 273	
1256	LOf 6.271	
	T	
	Cal 272	

Cut open 1" & found it OK in layers & turned up at Edges.

4.348 grams

1257 - Dup of 1252
but 200 Sections Double Tamps

Wf
T

1258 Wf
T

1259 Wf
T

1260 Wf
T

1261 Wf
T

1262 = Green thro 40 mesh finish in
7 green 3 Coflake
100 Section Double T

Wt
T

1263 Wt
T

1264 Wt
T

1265 Wt
T

1266 Wt
T

1267 Dup of 1257 - green through
100 mesh fines rec in
100 sections Double T

Wt
T

1268 Wt
T

1269 Wt
T

1270 Wt
T

1271 Wt
T

1272 = 5 mi Tubes green thus 20 times all in -
7 green 3 Ca flake of twice the
thickness of Regular flake occupys
1/2 the bulk so you must change
feed - 100 sections — D Tamps

Wf
T

1273 WT
T

1274 Wf
T

1275 Wf
T

1276 Wf
T

1277 = 5 ni greenhead 20 [illegible]

8 green 2 Cobalt flake

100 Sections Double Tamp Dry pkd

21,000 green
5000 flake

Wt
T

1278 Wt
T

1279 Wt
T

1280 Wt
T

1281 Wt
T

1282 5 mi - green thro 20 fines allin.
9 green 1 Cobalt flake thro 20
100 Sections D T Dry pkg

21000 green
3000 flake - Wt
T

1283 Wt
T

1284 Wt
T

1285 Wt
T

1286 Wt
T

1287 = 5 m Tubes - Dup of 1183
Except the green is the latest
made at Silver Lake with new Copper
Boiling tubes in big Tanks -
Its in Iron Can - Thro 20 fines all in

Wt
T

1288 Wt

1289 Wt

1290 Wt

1291 Wt.

We show that pocket after pkg
had 85% of the original alcohol
in green — green 3,940 — as against
4,320 without alcohol, showing
that alcohol increased the bulk
is fabricated also because
outside of tube showed green
flowed up perforations to outside.
Note Ethyl will give porosity
all right of lubrication.

Tube dried out in heater
after assembling & before going
into KOH

Made

1292 — 5 in tubes
7 green saturated with Ethyl
alcohol & dried so it just flows
OK 3 Coflake — Use same
size plunger as would be used
for 37 Mdg of dry green *
150 Double Tamps — rump after pkg.

	WT	6.674
1293	WT	6.676
1294	WT	6.743
1295	WT	6.837
Small crack one end		
1296	WT	6.979

Note increase in weight as longer green is kept.

67

* The green used in this group thro 20 times in
40000 Mdgms — Wet strongly with Ethyl
alcohol & then worked in dish by watch
glass & blowing till dry enough to
flow well. The weight when dry enough was
49650 Mdgms — Kept it in bottle & flapper bottle
closed to air while filing.

Ni(OH)2 used to 1297 in this
book is green that dont
absorb H_2O spontaneously
& had use Ethyl

green 26 mil/g grafite 12 mg per section.

1297 2 tubes - Reg green, thus 20 fins in
150 Sections
Use large grafite flake & same
capacity in flake plunger access

Wt 5.382

No caps in cords
1298 Wt, 5.412
No caps in cords

~~4.329 green~~

3.78 green

756 at 2 foot
Shared gave 915 to 6 as
good as flat pockets,
per gram green 2.11
factor.

1299- 2 tubes, Use regular Iron
mix 25 mlg Iron 10 mlg Co flake
150 sections double Tamps

Wt 10.211

1300 Wt. 10.293.

6 heavy nickels — 3.5 Each —

72% to wooden

5.145 metallic

Should give 1.793 to Volt, 7.175 oxide

1301- 2 tubes.
12 mily green ni through 40 mesh fines all in
5 " Co flake [illegible] 300 sections -
DT Wt - 6.513.

1302 Wt - 6.324

4.492 green

1303- 5 tubes thro 20 fines in

24 mtg green 6 mg Co flake 1/2 Reg [illegible]
150 sections - DT-

wt

1304 wt

1305 wt

1306 wt

1307 wt

flake Co is 1/2 the thickness of the Reg 1/16000 flake,

1308. 2 tubes
12 mdg green thro 40 mesh fines all in
5 " Nickel flake thro 20
300 sections. DT

Wt 6173

1309 - Wt. 6.270
small cracking end

4,350 green

1310 2 tubes
1311 12 mulg Green thro 40 lines all in
5 Cobalt flake 1/2 thickness of Regular
flake, or 1/20000. 300 Sections,
DT

3110 LOT 5.810 -

1311 LOT - 5.848

4.093 green

The flake is soft & bends over all kinds
warp [illegible] not flat like 1/10000 Ni
flake which don't turn - It gives a dull
thud on Tamping. Even the 2nd Tamp is
other dull, Ni flake would be
OK for this thickness,
8 & 2 of Ni 1/20000, 300 Sections to 3"
tube would be OK —

Made

1311 1/2 Flat pockets reg iron mix -
4.8 grammes, pressed with
20 atmos - pockets smooth & corrugated
20 atmos - 4 ni 3.5

No cake -

1312 -

Made

1313. Dup of 3111½ Except. 40 altos
~~[illegible]~~, Smooth & Corrug

1314.

Made

13 15 Dup 3111½ Except 60 columns
~~[illegible]~~ Smooth & Cor

13 16

Made

1317 Dup of 3111 Expt 80 atmospheres
~~[illegible]~~, Smooth's Carrying

1318 –

Flake 1st green after then temp

1319 = 2 tubes -
450 sections - Cobalt flake.
6 mlg flake 7 mlg green thro 60 mesh
Cobalt flake 1/2 thickness
of Regular size or 20000 -
OT

Wt 7.520.

1320 - Wt, 7.549. 4.045 green

Only made One tube - 1319

as Fred Ott made mistake & got 6 mlg
flake instead of 3 -

7549
5284 3
green

1320 is probably made right

3 mlg flake & 7 mlg green
Flake 1st -

10/70

This is Curious 5284 green

Possibly 1319 was ok but endslipped
towards last when we weighed &
found 6 mg flake instead of 3 -

Flake 1st green 2nd then Tamp

1321 = 2 Pockets Ni flake not passed thro Hydrogen —

450 sections,

2 ½ Mils of NICKEL FLAKE

½ thickness or $\frac{1}{20000}$ — 6 mils

green thro 60 mesh = DT.

WT

1322 WT,

Ni flake not passed thru Hy

1323= 2 [illegible], Tubes

Regular Iron - 2½ mdg Nickel flake ½ thickness of Reg or $\frac{1}{20000}$ - 6 mdg Reg mix black iron 450 sections, DT.

Wt

1324 Wt.

1325 = Reg from 6.15 gone pkts
Run with 4 Nickels 3.15.

1326

1327 Made

1328

green 1st - flake 2nd -

1329 2 tubes.
300 sections, 5 mg flake Co
1/2 thickness — 12 green thro
60 mesh heated on heater
for over 1 1/2 hours & used
hot. ~~[illegible]~~
~~[illegible]~~

wt 5.935

1330 wt 6.040

4.160 green

Pack on machine putting bath flake & green in simultaneously

1331 2 tubes green thio 60 mesh fine in.

300 sections 5 mlg Nickel flake

12 mlg of green NP 2294

Containing 9% of Bismuth ~~ox~~ oxide Bi_2O_3

Wt 6.615

1332 Wt, 6.650

4.6410 green

Flake in first green second -

1333 - 2 tubes.
300 sections - 5 miligrammes of
Cobalt flake - 12 milg of
No 70 abrogast non pyroporic
view with 10.8% Hg Dope D.T.

Wt 13.259

1334 Wt - 12.483

10,000. Fe mix

1335 = 2 Liters -
flake & green Both dumped in at once
5 mlg Nickel flake not thro
Hydrogen & not thro alcohol.
duller than when alcohol
is used - 12 green thro 60 -
mesh fines all in -
300 Sections green Wet with
alcohol & dried out enough
to handle in filler -
DT -

Wt 7069

1336 Wt - 7210

4.997 green

green stick in injector -
Little too moist

Both flake & green go in simultaneously -

1337 - 2 tubes.

5 mily Co flake Reg
12 " green Hro 60

Heated to 300 degrees ~~at~~
~~water 6.35~~ & used at
once keeping cover over
Hopper of packing Mac

300 - Sections, DT -

Wt 6.537

1338

Wt: 6,735

4.645 green

1339 2 tubes –

10 mdg flake nickel
24 " green thro 40 –
150 sections flake & green both
put in at once, DT
Simultaneously S
Wt

1340 Wt

1341 –

10 mlg ~~[illegible]~~ Cobalt flake 24 mlg
of the Black Bismuth Nickel
Hydrate now drying on the
Shelf – Its thro 40 –
Black stuff & flake to Ge
put in simultaneously
150 Sections DT

Wt 8.353

1342 Wt 8.463.

5.847 Bnd/green

This shows large quantity Bismuth in
green – Last night the mix thro 40 mesh
looked black – under micro about 2/3rds
was black 1/3 green but this morning
after drying it was all green except
few particles, so the black stuff
must have decomposed to white

both thrown in tube simultaneously

10 Mlg flake Cobalt
24 mlg of Black —

1343 2 Tubes, 150 Sec DT

Green thro 40 mesh got hot in water bath 2 hours — then poured in excess of Citrate Bismuth in Ammonia Concentrated, Soaked 1/4 hour then solution poured off — Water put in for a moment & poured off quickly — Then dried dry on plate, A Solution of glucose 1 sqr inch bulk in 1/2 full water in Reg Evap dish to which added Cube inch more or less 21% KOH, — after just under boiling 1 oz of the green with B_1 thrown in — Kept just under boil for 20 minutes Then whole poured off & washed 6 or 8 times with Boiling Water till clear — Then added alcohol twice & dried — its very black & heavy —

Wt 8.340

1344 Wt ~~8.188~~

5.784 Bi & green —

1345 - both put in simultaneously

5 milgrms 1/2 thickness Cobalt flake 24 milgrammi green through 40 mesh - 150 sections, DT -

Rubber tipped plunger 20/1000 thick -

COf 5.802

1346 COf 5.654

4.753 - green

Rubber tip comes off frequently + wears badly - must make had in sections with rings around to make this principle wk ok - like glen R pkt pressing

Made

1347 2 flat pockets,
3.5
~~4~~ grams of Ferric hydrate same as
used in ~~1232~~ 1228 – Used regular
pressures
4 nickels –

1348

Had use deep pkts

1349 2 pockets flat —

Ferric hydrate containing 15% of Mercury made by Walter, 4 grammes ~~[illegible]~~ | Regular pressures —
4 nickels —

1350

Made.

1351 2 flat pockets,

5 grammes of No 70
abrogast Iron Non pyrophoric
Reg. pressures -
Use 6 nickels -

1352

Had use deep pkts.

both put in simultaneously

1353-

10 Reg Co flake,
24 green thro 15 mesh fines in -
DT-

wt 6.307

1354 wt 6.130

4.340 green

~~1355~~

~~1356~~

1355 Dup of 1353
Except put in separately
flake first –

Lot 6.251

1356 Lot – 6.312

1357
10 Cof Cake Rig
24 through 60 mesh
put in simultaneously
DT
Wt 6.534

1358 Wt. 6.428

4510 green

1359 Dup of 1357

Except put in separately

flake 1st — DT

Wt 6.396

1360 — Wt 6.370

1361 - 2 tubes - Screen green thro 20
10 flake Co Reg
24 green No 2175 JWA number
use it just as it is —
DT
flake first, then green
Wt 7.310

1362 Wt - 6.515

1363 = 2 Lubes Screen green thro 20
10 Co flake Reg
24 green No 2176 J WA number

Flake first then green D.T.

Wt 6.749

1364 Wt — 6.622

1365 2 tubes Screen green Chro 20
10 mily Coflake Reg
24 " No 2177 GWA number
flake put in first, green 2nd DT.
it very fine -
Wt 6.276

1366 Wt - 6.202

1367 2 tubes

Screen green thro 20

10 mlg Co flake Reg

24 " No 2190 JWA number

flake 1st green 2nd Screen thro 20

Wt 6.323

1368 Wt 6.090

its fine but some few big pieces that 20 mesh will take out.

1369 - 2 tubes -

Screen green thro 20

10 Coflake reg

24 to 2184 of WA numbers

flake 1st green 2nd — DT

Wt 5.750

1370 Wt 5.603

1371 2 tubes Screen green thro 20

10 mlg Ca flake Reg —

24 " J W A number 2193

flake 1st green 2nd — DT

Wt 6.040

1372 Wt. 5.900

1373 - 2 tubes - Screen green thro 20

10 Milg Co flake Reg

24 " J W a number 2189 -

flake 1st green 2nd —

Wt 5.560

1374 Wt 5.472

1375 = 2 tubes Screen green thro 20
10 mlg Co flake Reg
24 " GWA No 2180
flake 1st green 2nd —
WT 6.269

1376 WT, 6.164

1377 2 tubes Screen green thro 20

10 mil g Co flake reg
24 " JWA No 2191

flake 1st green 2nd — DT

Wt 5.783

1378 — Wt 5.527

1379 = 2 tubes — screen green thro 20

10 mlg Co flake Reg
24 mlg of WA 2181 —
flake 1st green 2nd — DT
Wt

Mixed up

1380 Wt.

1381 2 tubes - Screen No 20

10 mlg Co flake Reg

24 mlg gwa No 2183

flake 1st green 2nd - DT

wt

mixed up

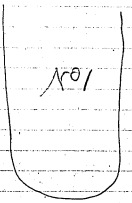
1382 wt -

1383 = 2 tubes
10 mlg Coflake Reg
24 " Reg green 11 no 20 -

Packed with tamping rods with
Various shapes on End

Wt 6.090

384 Wt 5.972



No 1

4.221 green

1385 Dup of 1383
except Tamp -
Wt 6,165

1386 Wt 6,288

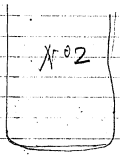
Not so round as No 1

1387 Dup of 1383

Except End plunger

10 ft 6.299

1388 10 ft 6.367



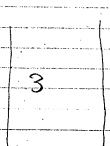
Still less reading than 5

1389 Dup of 1383

Except pkg rod

LOF 6.443

390 LOF 6.525

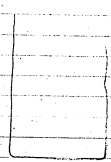


Considerably rounded at Edges

1391 Dup of 1383

Wt 6.468

1392 Wt. 6.364



only little rounded

1393 Dup of 1383

Lot 6.565 Co

1394 Lot 6.621

4.615 green

No 6

Concave & rounded

1395 Dup 1383

Wt 6.513

1396 Wt - 6.354

No 7

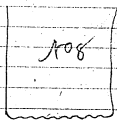
Roughened surface

1397 Dup of 1383

Wt 6.497

1398 Wt - 6.336

4.491 green



Warped 1/32
1398 " 3/64

Corrugated about like Cups

1399 Dup of 1303

Wt 6.390

1400 Wt - 6.477

Back off the roots let air out

4.503 grms

139 warped 1/32

140 " 1/32

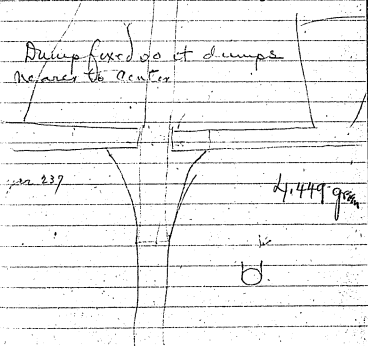
1/16

1401 Dup 1383

Wt 6.367

1402 Wt. 6.348

Dump fixed so it dumps
nearer to center



[illegible] 237

4.449 gram

1403 Dup of 1383

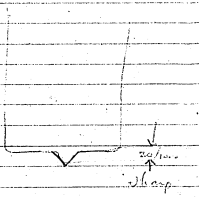
Wt 6.215

1404 Wt 6.330

4.390 green

1403 marked 1/32"

1404 " 1/64



angle 45 deg

1405 Dup 1383
UCF 6.266

1406. UCF 6.220

4.390 gm

14[illegible] was/seed 1/32
14[illegible] " 1/64

1407 2 tubes —

Use square ended ⊔ tamp rod
10 flake 24 green — green 1st

Put in green tamp Twice — then put in flake.
tamp once — then green & tamp Twice &
so on —
Spring 1/32 ~~[illegible]~~ 1/32 Wt 6.677

1408 spring 1/32 Wt. 6.596

4.643

1409 Dup of 1407

Except 1 amp green twice & flake twice –

Spring 3/64 Wt 6.870

1410 Spring 1/32 Wt 6.938

4.832 green

411 — 2 tubes —

Use square End Tamp rod
15/1000 less diameter than reg
10 flake 24 green — green 1st

DT — ~~green~~

Spring 1/32 Wt 6.575
Plunger. 2.22

1412 Spring 1/32 Wt 6.352

4.524 green

1413 Dup of 1411

Except Tamp rod is 30/1000
less diameter
Tubes spring 1/32 Wt 6.322
Plunger .207

1414 Wt 6.386

1415 Dup of 1411

Except End tamp rod is
60/1000 less diameter.

Tubes spring 1/32 Wt 6.087
Plunger - 177.

1416 Wt 6.161

1417 2 tubes.

Square faced Tamp tool —
10 flake 24 green —
green 1st =
2 1/2 lb weight DT
green 1st Wt 5.771

Tubes spring 1/32
1418 Wt 5.910

1419 — 2 tube
Dup of 1417
Except. 1½ lb weight
Wt 5266

Tubes spring 1/32

1420 Wt — 5326

1421 2 tubes —

10 flake 24 green — square faced
tamp tool — DT —

Tubes to have no lap or seam
but butted together ~~—~~
If after 1st one is made it springs
open so rings can't go put on
abandon it if its OK — put on
rings ~~tight~~ — green first
WF

1422 WF

[illegible] on taken out of mold it spring open from
212 to 286

Cut out

1423 = 2 tubes –
Dup of 1421 –
Except tube is lapped but
not hook lapped –
green 1st

Lot

1424 Lot

when taken out of mold sprung open from
272 to 286.

Cut out

1425 2 tubes –

10 flake 24 green – square faced
tamp rod – DT –

Dissolve glycerine in water 1/2
Water 1/2 glycerine – stir well
dip tubes in it & dry to
throw water off – pack
reg — green 1st

Wt 6.384

Plunger 237
Spring 1/32

1426 Wt 6.560

Spring 1/32

Glycerine run off like water on a ducks
back

1427 2 tubes –

10 flake 24 green square faced rod – DT –
after packing – carry mould to hydraulic press – use short button & give tube 50 atmos & see if it comes out straight – green [illegible] WT

128 WT

Cut Out

1429 2 tubes —

Extra plated by Cosky
1/2 of 1/1000 on side thicker
so tubes will be stiffer than
now — 10 flake 24 green DT green 1st
WF

1430 WF

1431 ~~2 flat~~

Make some Lap Tubes spiral

Neuske had one sec hum +

find out how to make

1/2 doz —

1432 2 tubes Burrs outside

Square faced tamp rod - fit rather close — 10 flake 24 green DT green 1st —

Spring 1/32 Wt 6.118

Plunger 245

1433 Wt - 6.105

Spring 3/64"

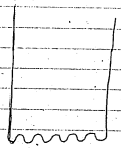
cracked one end

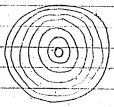
1434 = 2 tubes -
10 flake 24 green green 1st - DT

Wt 6.272

Klinger 287

Sp. wrap 1/32





1435

LOT 6.306

Sp. wrap 1/32

1436 —

10 flake 24 green green 1st DT

Tubes with double laps

Plunger-222-Reg plunger to large

Tubes Straight — Wt 6.222

1437 — Wt -6.170

Tube Straight

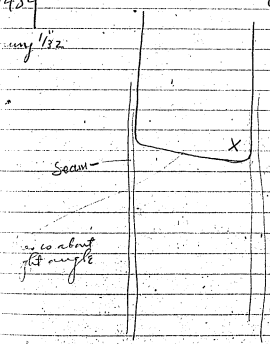
1438 2 Cutes

10 of Lake 24 green green 1st DT

Packing tool thus

Wt 6,283

1439 Wt 6,382



1440- Dup of 1438

Except reverse the tool
+ have X against the seam -

Spring 3/64 Wt 6,289

1441 Wt 6,346

Spring 3/64

1442

10 flake. 24 green green 1st -

After filling drill through the Center 1/16 hole from end to end - after reaming then put in Caps around it reg -

LOf 5.758

1443 LOf - 5.740

Tubes Sprung. Straitened them to drill

Use unplated perforated sheet, & plate afterwards & anneal in Hyd.

1444 – 2 tubes –

Burrs inside but ends filed off so there is twice as much opening as req – 10 flake
24 green DT | green 1st —

Plunger 250 Wt 6.639
Spanning 1/32 cracked both ends

1445 Wt 6.602
Spanning 1/32

U

Use unplated stock then after grinding & cleaning plate with Ni & anneal in Hydrogen

1446 - Dup of 1444

Except bars filed nearly all off - to leave large holes -

crack one end spring 1/32 Wt 6.569

The holes should be thoroughly cleaned out after filing -

Plunger 250

1447 — Wt 7.377

spring 1/32

crack one end

~~[illegible]~~ -

Weighed a tube before putting in water & after 10 minutes soaking

Before 8111 gained

After - 9100. ~~[illegible]~~ 929 milg -

Air comes out very slowly showing holes and channels very small -

Left in all night in at 6 30 PM

out at 8.05 am

Gained - 1.049

1448 Dump of [redacted] 1431

Top tubes Spiral with 4 rings

Tubes remained Straight in loading Wt 6.312

Plunger ~~[illegible]~~ 237 Rig.

1449 Wt 6.420

1150 Drop of 1431

Left tube Spiral no rings

Tubes remained straight in loading.
Plunger 237 wt 6.413.

1151. net 6.527

1452 2 Vi Tubes Dup 1444 except

2400 Perforation burr filed half off

wt 6.343

Plunger 245

1453 wt 6.145

spring 164

1454 2 Tubes Dup of 1444 Except

2400 Perforation burr all filed off

Plunger 245 wt 6.068

Spring 1/64
1/155 wt 6.286

1456 2 Tubes Dup of 1444 except

Rogers # 1 Perforation

wt 6.342

Ringer 237

opening 1/32

1457 wt 6.270

1458 2 Tubes Dup of 1444 except

Rogers #2 Perforations

wt 6.256

Plunger 237

spring 1/32

1459 wt 6.251

1460 2 Tubes

Rogers #1 Perforation
Flake 10 Green 24 both put in at once

Wt 6.428

Spring 1/32

1461 Wt 6.388

1462 2 Tubes Rogers #2 Perforations

flake 10 green 24 green + flake both put in at once

Spring 1/64 wt 6.465

1463 wt 6.545

1464 — 3 tubes — Rogers opened eylet — Nickel plated — 2400 Perforations

Regular plunger 60/1000 less diameter — 10 Co flake 24 green Nico 20 mesh fines all in — put in Simultaneously No 1 style

(Flake 1/2 open before green opened)

Wt 6.275

Spring 1/32

1465 Wt 6.043

1466 Wt 6.070

4.641

1467 Duplicate of 1464
Rogers 2400 Perforations
Except No 2 style of
feeding simultaneously
(flake & green opening at same time)
Wt 6.070

Spacing 1/32

1468 Wt 6.205

1469 Wt 6.281

~~6.185~~

2400 Perforations

1470 — 3 Rogers eyelet stock
Ni plated —

Regular sized plunger
10 Co flake 24 - thro 20 fines in
fed simultaneously No 1
style —

(flake 1/2 open before green opened)

Spring 1/32 Wt 5.968

1471 Wt 6.060

1472 Wt 6.024

3 | 18.052
6.017

~~6.017 green~~

2400 Perforations

1473 – Dup of 1470

Except no 2 style of feed simultaneously

(flake & green opened at same time)

Cracked both ends Wt 6.052

Spring 1/32

1474 Wt 6.030

1475 cracked both ends Wt 5.981

3) 18063
6021

~~6.021 [illegible]~~

2400 perforations

1476 = Dup of 1470 –

Except No 3 style

(flake all open before green open)

Wt 5.874

Spring 1/32

1477 Wt 6.050

1478 Wt 6.025

3 | 18949
5.983

~~5.983~~

2400 Perforations

1479 . Rogers Eyletstock Ni plated

Plunger 60/1000 smaller than reg 10 flake NICKEL 24 green thro 20 mesh fines all in feed simultaneously No 1 style

(flake 1/2 open before green open)

Wt

1480 Wt

1481 Wt

2400 Perforations

1482 Dup of 1479

Except feed No 2 style

NICKEL Flake

(flake + green opening a same time)

Wt

1483 Wt

1484 Wt

2400 Perforation

1485 Rogers cylet stack Ni plated

Regular sized plunger
10 NICKEL flake 24 green
Hero 20 fines in —
fed simultaneously No 1 style
(flake 1/2 opened before green opened)

Wt

1486 Wt

1487 Wt

2400 Perforation

1488 Dup of No 1485

Except fed No 2 style

(flake & green opened at same time)

NICKEL FLAKE

Wt

1489 Wt

1490 — Wt

2400 Perforation

1491 - Dup of 1485 -
Except No 3 style -
NICKEL FLAKE
(flake all opened before green opened)
lot

1492 lot

1493 lot

This Ni green is very much harder to Crush, its also 12% heavier (ie) 12% more goes in tubo than Reg. its not so green —

tested it by dissolving 1/2 oz in HCl a little diluted & used BaCl — no sulphates —

2400 Perforation

1494 Rogers ~~eyelet~~ stock

10 Cobalt flake, 24 green
thro 20 fines all in green
made by washing once before filtering & drying & then washing on percolator —

Fed simultaneously by No 1 style —

(flake 1/2 open before green opened)

Wt 7.740

Spinning 1/32

1495 Wt 7.807

1496 Wt 7.672

5.417 grass

3) 23219
7739
5.417.3

2400 Perforation

1497 = Dup of 1494

Except feed by No 2 style

Special green, as in 1494

(flake & green Opening Same time)

[illegible] stuck in feed plunger Spring 1/32" Wt 7.695

1498 Wt 7.850

1499 — Wt 7.978

$$\begin{array}{r} 7.978 \\ 3\overline{)23523} \\ 7841 \\ 73 \\ \hline 5.4887 \end{array}$$

2400 Perforation

1500 ~~[illegible]~~
Rogers eyletstock Ni plated

Reg plungers 10 Cobaltflake
24 Special green —

Two washings before drying &
percolating —

Put in by style No 1 —

(flake 1/2 open before green open)

crack one end
Spring 1/32 Wt 6.574

crack one end
1501 Wt 6.437

1502 Wt 6.223

3.) 19234
6411
7
4.48.77

2400 Perforation

1503 - Dup of 1500

Except put in by style No 2
(2nd wash green)
(flake & green opening at same time)

sprung 1/32"
crack both ends

Wt 6.345

1504
crack one end

Wt 6.175

1505
crack one end

Wt 6.102

3) 18622
6207
4,344,9

2400 Perforation

1506 — Rogers eyletstock Ni plated

Reg plungers —
10 Coflake
24 special green 3 washings
before drying + percolating —
NO 1 style feeding

(flake 1/2 opened before green open)

spring 1/32
crack one end

Wt 6.393

1507
crack one end

Wt 6.322

1508
crack one end

Wt 6.245

3) 18960
6320
7
4,4240

2400 Perforation

1509 Dup of 1506

Except no 2 ~~style~~ feed

(flake & green opened same time -
(3rd wash green)

Wf 6.447

spring 1/32

1510 Wf 6.341

1511 — Wf 6.153

3)18941
6319
4.4191

2400 Perforation

1512 Rogers Eylet stock burs ground

10 Mdg Co flake

24 green thro 20 fences in -
put in style 1 simultaneously
Reg plunger
To be charged 10 hours rest 10 hours
charged 10 rest 10 & charged 10 hours
more & then thoroughly regular rem
regular thoroughly.

crack in end WT 6.370

Spring 1/32

1513 WT 6.362

This tube was partly loaded when I seen flake
was not feeding very good long pieces in hopper

1514 WT. 6.430

3 | 19162
6387
9
4,4709

2400 Perforation

1515 Dup of 1512

Except put in Style No 2

Simultaneously

Spring 1/32 Wt 6.255

1516 Wt 6.344

1517 Wt 6.502

3)19881

6367

He didn't chg 10 rest 10 but did it regular

6367

9

4,4569

No 2400 of holes

1518 Rogers by perf burd ground

10 Co flake
24 Mlg green thro 40. fines in
Reg plunger
Put in by style No 1 –
Wt 6.313

spinning 1/32
1519 Wt 6.038

1520 Wt 6.079

3)18430
6143
7
4.3001

2400 Perforations

1521 - Dup of 1518 Burrows Sq

Except put in by Style No 2
Reg plunger - 237 dia -

Spring 1/32 Wt 6.020

1522 Wt 5.917

1523. Wt. 5.850

3)17787
5929
7
4.1503

2400 Perforation

1524 – Rogers eyelet big perf – ground off

10 Co flake
24 green 11 no 60 mesh fines in
put in by style No 1
Reg plunger

spring 1/32 Wt 6.026

1525 Wt 5858

1526 Wt 6.010

3)17894
5965
7
4.1755

2400 Perforation

1527 Dup of 1524

put in by style No 2

Reg plunger

spring 1/32"
crack one end

Wt 5.940

1528

Wt 6.082

Wt 6.035

1529
crack one end

3) 18057
6019
4.2133

2400 Perforation

1530 Rogers big Eyfet - burs ground

10 Co. of Cake thro 20
21 mlg green thro 20 fines in
3 Mlg Chloride of Potassium
through 100 mesh fines in
green + Chloride mixed - so 24 mlg
of the mixture goes in —
put in by style No 1
Reg plunger

Spring 1/32 Wt 6.760

1531 Wt 6.965

each one end

1532 Wt 6.914

3 | 20639
6879

After making soak tubes 2 days
in gallon water containing
10 cc of KOH, Change 3 times
then assemble 6879

4.8153

2400 Perforation

1533 = Dup of 1530
Except mix the flake + 100 mesh Chloride with each other in proportion of 100 parts of flake with 30 parts of Chloride -
using 13 mils of flake with Chloride
21 " of green —
Put in by style No 1
Soak out =

Object is to get the Chloride mixed with the flake instead of the green as in previous group

[illegible] one end
[illegible] 1/32 Wt 6.630

1534 Wt 6.465

1535 Wt 6.434

~~1536~~

Duplicate all
groups from 1494
with nickel flake
if they show after
900 milampers after
the 5th Run —

2400 Perforation Holes

1536 = Rogers Eyelet stock Guns ground off

3.3 Milg Nickel flake

8 Milg green through 20 fines in

Put in Stylet Number 1 —

Three sections put in each time.

then Tamp twice & so on

Reg plunger

Wt

1537 Wt

1538 Wt

2400 Perforations

1539 – Rogers big perf burs ground

5 mlg Nickel flake
12 " green Chro 20 –

Put in by style No 1
Cut twice put in their Tamp
& so on Reg Plunger –

WF

1540 WF

1541 WF

2400 Perforations

1542 Rogers big - burs ground

5 mil g Nickel flake
12 " Green Chrs 20

Style No 1
Put 3 Sections in then tamp twice & so on Reg plunger

Wt

1543 Wt

1544 Wt

2400 Perforations

1545 ~~[illegible]~~ Dup of 1542

Except, dumped 4 sections then tamp twice + so on Reg plunger

Wt

1546 Wt

1547 Wt

2400 Perforations

1548 — Dup of 1545

Except put in in 6 sections then Tamp twice —

Reg plunge

Wt

1549 Wt

1550 Wt

2400 Perforation

1551 = Dup of 1530 -

Except 19 green + 5 Chloride of Potash - mixed in that proportion - you using
24 of the mix
10 Nickel flake Roquefort

Wt

1552 Wt

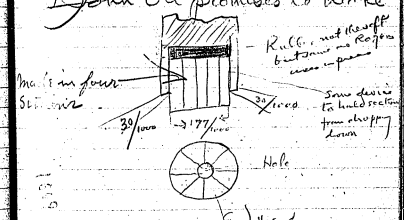
1553 Wt

2400 Perforation

1554 = Rogers Gy stock Burrs filed

10 Nickel flake
24 GREEN INCO 20

Packed with new plunger
John Ott promises to make



Wt

1555 Wt

1556 — Wt

1557 - 2 flat pockets 415 grams
Reg iron - Reg pressure
4 nickels —

Charge ~~3~~ 4 times at 300 rate 15 hours ~~[illegible]~~ charge —

Discharge at 800 rate, each time then charge 300 rate & dischg regular rate. This is to determine if very high dischg rates will build up the iron & if it stays up

1558 —

2400 Perforation

1559 = Rogers Big Eyelets burs filed
Reg. plunger —

10 Nickel flake 1/2 thickness
24 green thro 20 fences in —
style No 1

Wt 6.215

spring 1/32"

1560 Wt 6.405

1561 Wt 6.223

3) 18843
6281
7
43967

2400 Perforation

1562 Dup of 1559

1/2 Thickness Nickel —

Put in by style No 2

Spring 1/32 all Wt 6.265

1563 Wt 6.302

1564 Wt 6.353

1565 1566 Dosed 1567 1568 not dosed

1565 4 flat cups — Done

4.5 grammes of special iron to be made by Ralph Abrogast from Sulphate of Iron free of Vanadium & then into Oxalate,

Ralph is to reduce by H in Reg small apparatus. putting in Regular percent of dope & make up into pockets & send up for test regular — 2 pockets of the 4 is to have Dope & 2 to not have dope

Fred Ott is to see that Dr Grothe furnishes the Oxalate that Ralph gets it & see that Ralph sends up pockets for test —

1566 1567 1568

2400 Perforations

1569 = Rogers stack burs field

10 Nickel flake

24 green Hero 20 fever in

Style No 1

Rubber disk on end plunger

Wt

1570 Wt

1571 Wt

2400 Perforations

1572 = Rogers stock Gursfield

10 Mekel flake through H. Prog.

24 green thro 20 Mesh

Style No 1 —

Wf

1573 Wf

1574 Wf

2400 Perforation

1575 – Rogers stock –

10 Nickel flake 1/2 thickness

Through Hydrogen –

24 green thro 20 mesh

Style No 1

spring 1/32 Wt 6.333

1576 Wt 6.225

1577 Wt 6.119

3 | 18677
6226
7
43582

1578 — 3 tubes Rogers 2400 -
plunger 245/1000 chin

10 Mckel flake thro 20 -
24 green thro 20 This green is
the special green, many washings before
Drying its in 1 quart bottle marked
XXX — put in by style No 2

spring 1/32 Wt 6.069

1579 Wt 5.945

1580 Wt 5.996

1581 Dup of 1578
Except put in by style 1.
Wt

1582 Wt

1583 Wt

1584 Rogers 2400 burn ground
10 Mckel flake
24 green - Reg plunger -
Charged 10 hours rest 10 hours chgd 10 hour
rest 10 hours chgd 10 hours - then
discharged reg & therefore run reg -
style 1 - | Wt

1585 Wt

1586 Wt

1587 Dup of 1584.
Except put in style No 2.
Wt

1588 Wt

1589 Wt

1590 – Rogers 2400 burs off –
10 Nickel flake
24 Green –
plunger 60/1000 less diameter
put in style No 1

Chgd 10 hours rest 10 hours charge
10 hours rest 10 hours chgd 10 hours
& discharged regular & run reg
[illegible]

WT

1591 WT

1592 WT

1593 Dup of 1590 –
Except put in style No 2
Wt

1594 Wt

1595 Wt

1595 – Dup. of 1467 Style 2

to Go run in 33% KOH.

spring 1/32 Wt 6.868

1596 Wt 6.957

1597 Wt 6.836

[illegible] last two days the air was so damp
[illegible] the flake did not flow well

1598 Dup of 1467 style 2

With NICKEL Flake

Run in 33% KOH —

Wt

1599 Wt

1600 — Wt

1601 — Roger 2400 Eye lot stock
N. plated
spiral 10 cobalt flake
24 green through 20 fine in
put in style #2
four rings
Reg. plunger

Remained straight in loading Wt 6.980

1602 Wt 6.808

1603 Rogers 2400 eye let stock

spiral tube Ni-plated
10 Cobalt flake 20
24 green through 20 fences in
No Rings
[illegible] in # 2 Style
Reg plunger
wt 6.424

Remained straight in loading

1604 " wt 6.435

16.5 Rogers 2400 cyc lt stock
No. plated Spiral tube
10 Nickel flake
24 Green through 20 fines in
four rings
put in #2 style

wt

1606 wt

1.07 Rogers 2400 Eye let stock
N. plated Spiral tube
10 Nickel flake
24 green through 20 pines in
No rings
put in # 2 Style

wt

1.08 wt

1609 Dup of 1554 except

10 Cobolt flake

24 green through 20 fines in

Packed with new plunger 4 Sections

style # 2

cracked one end wt 7.017

Sprung 1/32

1610 wt 7.050

cracked one end

1611 wt 7.247

1612 Rogers 24000 eyelet Stock
Ni plated tubes

10 mg Co flake through 20 mesh
24 " green through 20 mesh fines in
loaded with squear feed machine
put in by style # 1 reg plunger 237/1000

spring 1/32 wt 6.564

1613 wt 6.544

1614 wt 6.682

plunger fiting close in hole above tube

1615 Dup of 1612

Except put in by style # 2

spring 1/32 wt 6.302

1616 wt 6.339

1617 wt 6.761

crack one end

pinges fitting close in hole above tube

1618 Rogers 2400 eyelet stock
N. plated tubes
10 mg Co flake 20 mesh
24 green through 20 11 fines in
Loaded with squear feed machine
p in by style # 1. plunger 177/1000 Dia
wt 6.350
spring 1/32
1619 wt 6.298

1620 wt 6.328

plunger fitting close in hole above tube

1621 Dup of 1618

Except put in by style #2

spring 1/32 wt 6.343

1622 wt 6.350

1623 wt 6.351

plunger fitting close in hole above tube

1624 Rogers 2400 eyelet stock
N. plated tubes
10 mg Co flake through 20 mesh
2% Green through 40 mesh fines in
loaded with square feed machine
put in by style #1 reg plunger 237/1000 dia

wt 6.817

spring 1/32

1105 wt 6.695

1108 wt 6.624

plunger fiting close in tube above tube

1627 Dup of 1624

Except put in by style #2

spring 1/32 wt 6.222

1628 wt 6.292

1629 wt 6.188

p[illegible] fitting close in hole above tube

1630 Rogers 2400 Eyelet Stock
Ni plated tube
10 mg Co flake through 20 mesh
24 mg green through 40 mesh pieces in
Loaded with square feed machine
pu[illegible] in by style #1 with plunger .177/1000 dia

spring 1/32 wt 6.485

1[illegible]31 wt 6.555

1[illegible]32 wt 6.482

plu[illegible] fitting close in hole above tube

1.33 Dup of 1630

Except put in by style # 2

spring 1/32 wt 6.441

1.34 wt 6.327

1.35 wt 6.435

plunger fitting close in tube above tube

1636 Rogers 2400 eyelet stock
N. plated tubes
10 mg. Ca flake through 20 mesh
24 mg. green through 60 mesh
Loaded with squeeze feed machine
fed in by style # 1 Reg plunger 237/1000

spring 1/32 wt 6.326

1637 wt 6.524

1638 wt 6.398

plunger fitting close in hole above tube

1639 Dupe of 1636

Except put in by style # 2

wt 6.413

spring 1/32

1640 wt 6.424

1641 wt 6.406

Pin on fitting close in hole above tube

1642 Rogers 2400 eyelet stock
Ni plated tubes
10 mg Co flake through 20 mesh
24 mg green through 60 "
Loaded with square feed machine
put in by style #1 plunger 177/1000

spring 1/32

wt 6.342

1643 wt 6.494

1644 wt 6.184

plunger fitting close in hole above tube

1645 Dup of 1642

Except put in by style # 2

spring '132

wt 6.327

1646 wt 6.257

1647 wt 6.212

Plumers fitting close in hole above tube

1648 Dup of 1536
except co flake
3.3 mg. Co flake
8 Milg Green through 20 liner in
put in style number 1 —
three sections put in each time
then tamp twice + so on
Reg plunger
Loaded with square feed Machine
wt 6.048
spring 1/32
1649 wt 6.089

1650 wt 5.970

plunger fitting close in hole above tube

1651 Dup of 1539
Except
5. Milg Co flake
12 " " Green through 20 [illegible] in
put in by style number 1—
hit twice put in then stamp
& so on — Rig plunger
loaded with squear feed machine
wt 5.977
spring 1/32"
1652 wt 6.117
1653 wt 5.950
Hunger fitting close in hole above tube

1654 Dup 1542

Except Co flake

5 Milg Co flake 20

12 " Green through 20 finer in style number 1—

pt B sections then tamp twice so on Reg plunger

Loaded with square feed Machine

wt 5.901

sprung 1/32

1655 wt 6.056

1656 wt 6.042

plunger fiting close in hole above tube

1657 Dup of 1542
Except 00 flake
Except dump 4 sections
then tamp twice + so on
Reg plunger
Loaded with squeeze feed machine
wt 5,865

2/ring 1/32
1658 wt 5,800

1659 wt 5,883

plunger fitting close in hole above tube

1660 Dup of 1545

Except put in in 6 Sections
then tamp twice
Reg plunger
Loaded with square feed machine
wt 5,717
sprung 1/32

1661 wt 5,540

1662 wt 5660

plunger fitting close in hole above tube

1663 Rogers 2400 Eyelet stock
Nipplated tubes
16 Mg. Co flake through 20 mesh
24 Milly green through 20 mesh finer in
put in by style #1 plunger 245 dia
loaded with squeeze feed Machine

Spring '132 WT 6.401

1664 WT 6.587

1665 WT 6.483

plunger having close fit in hole above
tube

1656 Nagers 2400 eyelet stock
N. plated tubes
10 mile Co. flake 20 mesh
4 " green 20 fiber in
pot in style # 2 plunger $\frac{245}{1000}$ dia
Loaded with square feed machine

sprung 1/32 wt 6.712

16 7 wt 6.647

1668 wt 6.413

plunger fitting close in hole above tube

1169 Rogers 2400 Eyelet stock
Ni plated tubes
10 Milg Co flake through 20
24 " green through 20 fines in
fat in by style #1 plunger 24/1000 dia
Loaded with square feed Machine
Hole above tube same size as in tubes

Young 1/32 wt 6.317

1170 wt 6.323

1171 wt 6.360

1672 Rages 2400 eyelet-stock
Dup of 1669
Except pukin # 2 style

spring 1/32 wt 6.244

1673 wt 6.344

1674 wt 6.387

Notebook, N-05-00-00.1

1675 Rogers 2400 eyelet stash
hi plated tubes
10 mlg Co flake 20 Mesh
24 " " green hi (OH)2 Made from so.4 free
from Cu + recrystalized through 20 fine in
put in by style # 2 plunger 245/1000 dia
Loaded with squear feed machine
to be put up with C.P. irons
not doped

Sprung 1/32 wt 6.000

1676 wt 5945

1677 wt 5.969

Hole above tubes same size as in tube

1678 Dup of 1675

Except put in #2 style
to be put up with C.P. irons doped

wt 5.832

1679 wt 5.854

1680 wt 5.769

1681 Dupof 1675

Except to be fast up with regular irons

spring 1/32 wt 5.928

1682 wt 5.998

Crackers end

1683 wt 6.024

1684 Dup of 1675

Except nickel plate not through hydrogen
put up with regular iron

spring 1/32"

wt 5.715

1685 wt 5.771

1686 wt 5.573

1687 C.P. Irons
Made at Laboratory Vanadium free - Dr Groth
4.5 gram with out HgO
Ralph Abragart # 6713

1688 # 6714

Dr Groth Vanadium free -
1689 C.P. Irons, Made at Laboratory
4.5 gram Containing HgO
Abragart # 6699

1690 # 6700

1691 Rogers 2400 eyelet stock
Ni plated tubes
10 Milg Nickel flake 20 mesh not through hydrogen
24 " green $Ni(OH)_2$ made from SO_4 free
from cu + recrystalized, through 40 mesh
fines in.
put in by style # 2 24.5/1000 plunger
loaded with squeeze feed machine
put up with reg. irons

wt 6.086

sprung 3/64

1692 wt 5.925

1693 wt 6.035

1694 Dup of 1691

Except Ni stake through hydrogen

sprung 1/32 wt 6.367

1695 wt 6.280

1696 wt 6.419

1697 Dup of 1691

Except nickel flake through hydrogen & green through 20 mesh finish in spring 1/32

wt 6.277

1698 wt 6.181

1699 wt 6.056

1700 Rogers eylet 2400 filed off burs
10 Co flake
24 green thro 20 fines in —
style No 1
4 pound tamp — Reg plunger
Double tamp —
Square feed —
Chg 10 rest 10 + 50 on

wt

1701 wt

1702 wt

1703 - Dup of 1700 Except
style 2

Chg 10 rest 10 + 50 on Wt

1704 Wt

1705 Wt,

no guide for plunger

1706 - Dup of 1700

Except. 4 1/2 lb weight

Chg 10 rest 10 & so on

Style No 1

wt

1707 wt

1708 wt

No guide for rod — old style

1709 — Dup of 1706 —

Except Style No 2

Chg 10 rest 10 etc

wt

1710 wt

1711 wt

no guide

1712 Dup of 1700

Except 5 lb weight

Style 1

Chg 10 rest 10 etc wt

1713 wt

1714 X wt

No guide old style

1715 Dup of 1712

Style No 2

Chg 10 rest 10 etc

wt

1716 X wt

1717 wt-

1718 – ~~[illegible]~~

10 Co flake –
24 Cobalt Hydroxide thro 20
mesh fines in –
Rogers Eylet 2400 Burs filed
off – no guide at top tube –
Style 2
Chg 10 rest 10 chg 10 rest 10
Chg 10 run regular –

Wt

1719 Wt

1720 Wt

1721 Rogers Perf Eyl 2400 burs filed

10 Cobalt Flake –
24 Pure Nickel Hydroxide made
by Dr Grathe Mro 20 fines in
styls No 1
Chg 10 rest 10 &c –
Square feed no guide to rod

~~1722~~ wt

1722 wt

1723 wt

1724 Rogers Perf 2400 Eyelet burns filled
10 flake
35 Barium Sulphate thro
20 mesh - style one
Charged hat, regular way
wt

1725 wt
1726 wt

1727 3 Irons & flat pockets.

1.825 grammes Twinbulls

Blue — run with 4 nickels

1728 1.791 grammes

1729 1.805 grammes.

Soak in KOH 21% for 3 days changing KOH, 3 times & then put in fresh KOH, & send up stairs —

After 1st change up stairs change the KOH — after discharge change the KOH, & thereafter you need not change KOH —

1730 - Iron pockets —

Turnbulls blue roasted - about 20 mesh weight 5.751 This is like metal, Cant be powdered —

1731 — Same as 1730 but can be powdered not much metallic - Weight 5.251 -

to be put with 4 metals & run Regular

1732 = 3 Regular 4.5 Irons,

Charge 15 hours regular –
then discharge fully soak in
water & give to Edison to treat,

Edison treat with Ethyl-dry
& Recorrugate to 250 atmospheres

Run Regular after receiving
the irons from Edison –

1733

1734

1735 = Iron pocket filled
with Oxide Fe made Electrolyt.
from Iron Sulphide - by Edison
250 atmos fuel Corrugation
no Hg — 4 nickels —
Run Reg — test Economy

1732

New loader side dump simultaneously No 2 style "One wash before filter" green — very heavy
10 flake Co. flake 24 green 3½ lb wt.
DT — 21% — Rogers 240 Eyleteburs off
green thro 20 fines in — WT

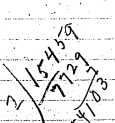
Wt. 7.701

spring 1/32

1733 wt 7.758

5.41 green

2 | 15459
7729
5.4103



1734 - Dup of 1732

Except 4 pound weight

Lot 8.114

spring 1/32"

1735 Lot 8.032

5.65 grain

1736 Dup of 1732

Except 4 1/2 lb weight

Wt 8.150

spring 1/32

1737 Wt 8.221

1738 Dup of 1732

Except 5 l 6 wt

Wt 8.117

sprung 1/32

1739 Wt 8.187

1740 Dup of 1732

Except nickel flake 3 lb wright
Nitrough Hydrogen 0001

wt 8.645

spring 1732

1741

wt 8.590

2) 17235
8617
7
60319

6.030 green

5

1742 Dup of 1732

Except nickel plate 3½ lb weight
Ni through hydrogen 0001

wt 8.561

spring 1/32

1743 wt 8.767

6,064-green

1744 Dup of 1732

Except nickel flake 4 lb weight
N: through hydrogen

spring '32 wt 8897

1745 wt 9.252

6351

1746 Dup of 1732

Except nickel flake 4½ lb weight
N. through hydrogen

wt 9.343

[illegible] 1/32

1747

wt 9.419

2) 18762
9381
7
6,5667

1748 Dup of 1732

Except nickel flake 5 lb weight
N. through hydrogen

wt 9.417

[illegible] 32

1749 wt 9.266

2) 18683
9341
7
6.5387

6.538 green

1750 Reg green thro 20
New squeeze side feed - 10 Co flake 24 green
4 lb weight.

To Ge run in 250 Miligrames Iodide
of Potassium in The 21% in each
Cell —
spring 1/32 Wt 6.774

1751 Wt 6.920

1752 Wt — 6.870
Cuckons end

1753 Dup of 1750

Except two grammes of Chloride of Potassium in each cell —

spring 1/32 — Lot 6.883

Brick both end

1754 — Lot 6.758

[illegible] end

1755 — Lot 6.778

[illegible] end

1756 = Dup of 1750

Except 500 Milegrammes

Cyanide of Potassium in each

Cell —

Spring 1/32 COP 6.772

1757 COP 6.764

Each one end

1758 COP 6.778

Each one end

1759 — 4/1000 stock Rogers Eylet
2400 —
Green One washing before filtering

10 Cobalt flake 24 green 3 lb weight
new square feed side dump —
DT =
Soak in KOH 21% 10 hours before
sending up stairs — 1

Charge 10 hours rest 10
Chg 10 rest 10 Charge 10
+ discharge regular

Wt 8.122

spring 1/64

1760 Wt 8.110

1761 Wt 8.002

4/1000 stock Range 2400

1762 Decp of 1759

Except 3½ lb weight

spring 1/64 Wt 8,293

1763 Wt 8,036

1764 Wt 8.162

4/1000 Eight Rogers

1765 Dwp of 1759

Except 4 lb wt.

wt 8.256

sprung 1/64

1766 — wt 8.178

1767 wt 8.186

3 | 24720
8240
7
5.768.0

4/1000 Rogers 2400 Zylet

1768 Dup of 1759

Except 4 1/2 lb weight,

spaung 1/64 Wt 8.364

1769 Wt 8.267

1770 Wt 8.272

crack both ends

4/1000 Rogers 2400 Eyelet.

1771 — Dup of 1759

Except 5 lb wt

Irving '64 Wt 8.450

1772 Wt 8.254

1773 Wt 8.492

4/1000 Rogers Eylet 2400

1774 — Dup of 1759 3 lb wt
Except Nickel flake same size
as Co flake 0001 —

Wt 8.404

spring 1/64

1775 Wt 8.547

cochon end

1776 Wt 8.629

3)25580
8526
7
5.9682

85
7
595
5.95

4/1000 Rogers Eglet 2400

1777 – Dup of 1759 $3\frac{1}{2}$ lb
Except Nickel flake —

spring '64
crack both ends

Wt 8.775

1778

Wt 8.831

1779

crack on end

Wt 8.840

3 | 26446
8815
7
61705

4/1000 Rogers Cyclet 2400

1780 – Dup of 1759 4 lb wt

Except Nickel flake –

Wt 8.988

1781 Wt 8,893

1782 Wt 8.808

3)26689
8896
7
6,2272

4/1000 Rogers 2400 Eglet

1783 Dup of 1759 $4\frac{1}{2}$ lb wt

Except Nickel flake

Lot 8.945

crack one end

1784 Lot 8.991

crack one end

1785 Lot 9.070

3)27006
9002
7
63014

3)27006
9007

1786 - Dup 1759 5 lbs —

Except Nickel of Lake -

spring 1/64 Wt 9.135

1787 Wt 9.248

1788 Wt 9.271

3) 27654
9218
7
6.4526

1789 — Dep of 1759 3.16
Except 5/1000 Rogers
2400 Eyglet

Wt 8.090

1790 Wt 7.983

1791 Wt 7.842

3 | 23.915
7972
7
5,5804

1792 Dupont 1759 $3\frac{1}{2}$ lb wt

Rogers 5/1000 Eq Pt 2400

Jenny 1/64

Wt 7.884

1793 Wt 7.931

1794 Wt 7.797

3) 2361 2

787 1

7

5.4097

1795 Day of 1759 4 lbs wt

Except 5/1000 Rogers 2400 Eyl wt

pruing 1/64 Wt 8.119

1796 Wt 8.222

1797 Wt 8.380

3) 24721
8240
7
5768

1798 Dup 1759 $4\frac{1}{2}$ lb cut

Except 5/1000 Rogers 2400 Eyelet

Spring '64 Wt 8.345

1799 Wt 8.434

1800 Wt 8.436

3)25215
8405
2
5,8835

1801 Dup 1759

5 lb wt

Except 5/1000 Rogers Eyelet

Spring 1/64

Wt 8.479

1802 Wt 8.411

1803 Wt 8.519

3 | 25409
8469
7
5.9283

1804 — 3 lb wt

Reg Green —

Square side feed, 10 Co of Cake 24

Reg green — D T 005 Tube stock —

[illegible]

wt

1805 wt

1806 wt

This rall following Numbers put in with the new Cal omelo powder drum packer side square feed

$3\frac{1}{2}$ lb wt

1807 Dup 1804
wt

1808 wt

1809 wt

1810 Dup 1804 4 lb cot

cot

1811 cot

1812 cot

1813. Dup 1804 $4\frac{1}{2}$ lb

1814

1815

1816 — Reg Green 10 NICKEL
flake Reg thickness —
24 green AT —
005 Tube stock —
3 lbs wt
wt

1817 wt

1818 wt

1819 Dup of 1816 –
3½ lb wt
wt

1820 wt

1821 wt

1822 Dup of 1816 –
cut 4 lb cut

1823 cut

1824 cut

1825 – Decp 1816 –

4½ lb cot

cot

1826 cot

1827 cot

Do it this way
for all the
Salts used further
on

1828 =

Dup of 1804 - 3½ lb wt
Except
& change Heating Reg -
To be run with 4 grammes
Chloride of Palassium in Each cell
spring '64 Wt 6.816

1829 Wt 6.780

1830 Wt 6.785
3) 20.381
6.794
cracked both ends

Take enough 21% to fill
3 cells after assembling
This will be 525 cc which
is 175 cc per cell, to the
575 cc dissolve the 12 grammes
of Chloride - then Each cell
will have 4 grain + some solution
will be left over

18 gm Ref
7 " Meter ok [illegible]

1831 Dup of 1804
$3\frac{1}{2}$ lb wt

With 2 grammes
Bromide of Palasium in
Each cell — wt 6.874

spring '64
1832 wt 6.921
cracked one end
1833 wt 6.803
cracked one end

$$\begin{array}{r} 6.803 \\ 3\overline{)20598} \\ 6866 \\ 7 \\ \hline 4,8062 \end{array}$$

1835 Dup of 1804 -

3 1/2 lb wt

With 4 grammes
Bromide of Potassium
Each Cell

Wt 6.811

s/prung 1/64

1836 Wt 6.800

1837 = Wt 6.798

6.803 average

4,762

3) 20409
6,803

1838 - Dup of 1816 -
$3\frac{1}{2}$ lbs wt
Nickel flake -
With 2 grms Potassium
Chloride in Each cell
wt 7.413

spring 1/64

1839 wt 7.416

1840 wt 7.557

3) 22386
7462
5.2234

1841 – Dup of 1816

3 1/2 lbs

With 4 grammes
Chloride of Potassium in
Each cell

Spring '64 Wt 7.674

1842 Wt 7.834

1843 Wt 7.942

3)23450
7817
1
5.4719

1844 — Dup of 1816 —
3½ lbs wt

2 grammes Bromide of
Palassium Each Cell —

spring 1/64

Wt 8.162

1845 — Wt 7.966

1846 Wt 7.914

Long piece of plate

3) 2404 2
8014
7
5.60.98

1847 Dup of 1816
3 1/2 lb wt

With 4 grammes
Bromide Palassium Each
Cell —

spring 1/64 Wt 7,179

1848 Wt 7,096

1849 - Wt 7,130

3 | 21405
7135
4.9945

1850 - Dup of 1804

3 1/2 lb wt

4 grammes Bromide of

Sodium in each cell

sprung 1/64" Wt 6.959

1851 Wt 6.957

1852 Wt 6.999

3/20915
6.972 average

1853 Dup of 1804

$3\frac{1}{2}$ lb cot

4 ~~#~~ grammes Chloride of Sodium in each Cell,

spring 1/64 crack one end — Wt 6.887

1854 crack one end — Wt 6.947

1855 — Wt 6.901

1856 Dup of 1804
3 1/2 lb wt,

4 grammes acetate
of Sodium in each cell

spring 1/64
1857 — Wt 7.002

each one end — Wt 6.983

1858 — Wt 6.959
each one end

1859- Dup 1804

3 ½ lb wt

4 grammes Chlorate of Palash in each cell

spring 1/64 each one end — Wt 6.989

1860 — Wt 6.867

1861 — Wt 7.048

Saturated solution.

1862 Dup 1804

With 4 grammes fluoride of Potassium in Each cell.

Young 1/6/4 Wt 6.998

1863 Wt 7.008

1864 Wt 6.832

1865 - Dup. 1804

2. grammes Chloride of Caesium in each cell

sprung 1/64

1866 — Wt 6.941

Wt 7.025

1867 Wt 7.044

1868 = Dup of 1804

4 grammes Chloride Caesium

Each cell -

spring '64 LOT

1869 LOT

1870 LOT

Hold until I get more

Caesium -

1871 Dup of 1804

2 grammes Chloride Rubidium
in each cell,
spring '64 LOf 7.027

1872 LOf 6.988

1873 LOf 6.957

1874 Dup 1804.

4 grams Chloride Rubidium
in each cell,
r/spring 1/64 wt.

1875 wt

1876 wt

Hold until Pight more
Rubidium

1878 — Day 1804 —

8 grammes Chloride Potassium

Each Cell —

sprung 1/64

Wt 7.093

1879 Wt 7.331

1880 Wt 7.186

1881 Dup of 1804

12 grammes Chloride Potassium
Each cell —
2 prung/64 Wt 7.165

1882 Wt 7.184

1883 Wt 7.011

1884 - Dup 1804

16 gamma Chloride Potassium
in Epoch Cell,

[illegible] 1/64 Wt 7.146

1885 Wt 7.161

1886 Wt 7.057

Possibly Can't get
this much to dissolve

After 1st chg founds tickes
bent & touching grms -
also Cracked

all 3 cells same

1887 Dup 1804

Take 21% & saturate it
with Chloride of Potassium
fill cells

spring 1/64 Wt 6.777

1888 Wt 6.770

1889 Wt 6.738

Saturated solution about 26 gms
to the cell.

1890 = Dup 1804

2 grammes Chloride of

Barium each cell

[illegible] 1/64 Wt 6.819

1891 Wt 6.896

1892 Wt -6.703

1893 = Dup 1804

2 grms Potassium Bromide
2 " " Chloride
2 " Sodium Chloride
2 " Sodium Bromide

in each cell —

Wt 6.695

1894 Wt 6.898

1895 Wt 6.884

1896 = Dup 1804

4 grms Potassium Chloride -
2 grms Ferrocyanide Potassium

Each acc —

sprung 1/64 — Wt 7.067

1897 — Wt 7.141
crush one end

1898 — Wt 7.082
crush one end

Saturated solution

1899 – Dup of 1804

4 grammes Sodium Sulphide,
Each cccl – (CP white Crystals,)

s/rung 1/64 Wt 7.142

1900 Wt 7.149
enclosure end

1901 Wt 7.147

1902 - Dup 1804

2 grammes Potassium Chloride
2 grammes Sodium Sulphide,
Each cell —

sprung 1/64 Wt 7,137

1903 Wt 7,086
crack one end

1904 Wt 7,073

1905 Dup 1804 -

5 grammes Potassium

Arsenate each cell

sprung 1/04 Wt 7.109

crack one end

1906 Wt 7.067

crack one end

1907 Wt 7.061

crack one end

1908 Dup 1804

5 gms Potassium Arsenite

Each cell
spring 1/64 Wt 7.130

1909 Wt 7.027

1910 Wt 7.076

1911 Dup 1804

5 grammes Benzoate Potash
Each cell

spring 1/64 Wt 7.098

1912 Wt 7.074

1913 Wt 7.161

1914 Dep 1804

5 Grammes Bifluoride Potash
Each cell.

Spring 1914 Wt 7.090

1915 Wt 7.063

1916 Wt 6.980

1917 Dup 1804

5 grammes Binoxalate Palash

Each cell —

spring 1/64.

Wf 7.122

1918 Wf 7.111

1919 Wf 7.170

1920 Dup 1804

5 Grammes Bisulphite

Potash Each cell —

spring 1/64

Wt 6.948

1921 Wt 6.868

1922 Wt 6.961

Saturated solutions

1923 Dup. 1804

5 grammes Borax

Each cell,

spring 1/64 Wt 6.986

Cracking end

1924 Wt 7.055

1925 Wt 7.029

1926 Dup 1804

5 Grammes Bromate Potash

Each cell

Spring 1/64: Wt 7.157

1927 Wt 7.190

1928 Wt 7.242

Saturated Solution

1929 Dep 1804

5 grammes Formate Potassium

Each cell,

spring 1/64 Wt 7.048

1930 Wt 7.135

931 Wt 6.887

1932 Dup 1804

5 grams Hypophosphite Potash

Each cell

spring 1/64 Wt 6.962

1933 Wt 7.068

1934 Wt 6.988

1935 Dup 1804

5 Grams Hyposulphite Potash

Each cell,

spring 1/64 Wt 7.023

1936 Wt 7.126

1937 Wt 7.459

New Batch N. Hydrite

1938 Dup 1804

5 Grammes Lactate Potash

Each cell,

springfield	Wt	6.761
1939	Wt	6.737
1940	Wt	6.812

New N. Hydrate

1941 Dup 1804

5 grammes Nitrate Potash

Each cell.

spring '64 Wt 6.757

1942 Wt 6.729

1943 Wt 6.737

New Hydrate

1944 Dup 1804

5 grammes Nitrite Potash –

Each cell,

spring '64 Wt 6.762

1945 Wt 6.791

1946 Wt 6.717

Nickel hydrate

1947 Dup 1804

5 grammes (Ortho) Phosphate Potash

Each cell,

spring '64

Wt 6.737

1948 Wt 6.807

1949 Wt 6.795

1950 Dup 1804

5 grammes Ethylsulphate Potash
Each cell

Wt 6.848

1951 Wt 6.878

1952 Wt 6.787

N.B. After so hot was had only enough Ethylsulphate Potash to put in 4.5 gms in each cell.

Crokey

New Ni Hydrate

1953 Dup 1804 Make

5 grammes Acetone

Each Cell.

spring 1/64 Wt 6.713

1954 Wt 6.795

1955 Wt 6.633

[illegible] not first class

1956 Dup 1807

5 grams Silicofluoride Potash

Each cell,

Spring 1.5 Wt 6.645

1957 Wt 6.705

1958 Wt 6.709

Saturated solution

1959 Dup 1804

5 grams Monochloroacetate Patash

Each cell

WF

1960 WF

1961 WF

1962 Dup 1804

5 grammes Realagar
(arsenic sulphide)
Each cell,

Spring 1964 Wt 6.549

1963 Wt 6.620

1964 Spring 1965 Wt 6.590

1965 Drip 1804
5 grams Sulphoarsenate Soda
Each cell
Wt

1966 Wt

1967 Wt

1968 Dup 1804

5 grams formaldehyde

Each cell,

1 pung 1/64 Wt 6.630

1969 Wt 6.636

1970 Wt 6.599

1971 = Dup 1504

5 grms Sulpharsenite Potash

WF

1972 WF

1973 WF

1974 = Regular green thro 20 3 1/2 lb wt
24 green 10 Cobalt flake
005 Stock Rogers Eyfel 2400 hole tube
DT.
After assembling tubes in grid + top. Then
Nickel tube is to be dipped in 21%
so that the bottom only just touches the
liquid say 1/8th close it in a jar
+ let the liquid crawl up the tube
by Capillary attraction, then put in reg
cell + fill with 21% WT

1975 — WT

1976 — WT

1977 1st washing green

24 green thro 20 10 Cobalt, C.P.
005 tube Rogers eyfet 2400 —
packed automatic machine
8½ lb wt — Run Reg
~~1st~~ Wt 8.245
spring 1/4"

1978 Wt 8.244

1979 Wt 8.238

3) 24727
8242
7
57694

1980 – Dup of 1977
Except 2nd Washing green
Wt 7.310

spring 1/64

1981 Wt 7.345

1982 Wt 7.395

3) 22050
7350
5.745

[illegible] move
Spring [illegible]

1980

1983 – Dup of 1977

Except green that has no washing – RA No 716 – Small balls on table – Screen thro 20 mesh –

spring 1/64 — COf 6.660

1984 — COf 6.666

1985 — COf 6.721

Dup of above

Spring 1/64

1983A. — wt. 7.251

1984A. — wt. 7.266

3 | 20047
6682
7
4,677.4 green

1985A. — wt. 7.303

1986 Dup 1977.

Except 1/2 washing -
Dried low heat, RA NO 717

spring 1/64 Wt 7.213

1987 Wt 7.243

1988 Wt 7.214

Thus of above
Spring 1/64:

3 | 21670
7.223
5.0561

186A. wt. 7.235

187A. wt. 7.115

188A. wt. 7.125

1989 Dup 1977.

Except 1/2 wash dried high heat
RA 715 —

Spring 1/64 Wt 7.759

1990 Wt 7.939

1991 Wt 7.875

Hub of above
Spring 1/64"

3) 23573
7857
7
5.9999

9A. wt. 7.902

90A. wt. 7.890

1991 A. wt. 7.875

1992 Dup 1977

Except no washing but dried high heat, RA No 714

spring 1/64 Wt 7.876

1993 Wt 7.923

1994 Wt 7.967

Dup of above spring 1/64"

3)23766
7922
7
5.5454

1992 A. wt 7.769

1993 A. wt 7.809

1994 A. wt 7.967

1995 Cobalt Peroxide made by Bromine - 20 mesh all fines in 24 Cobalt 10 Cobalt flake, pkd in automatic machine - Made by Dr Grothe —

sprinkle 1/32" Wt 7.211

1996 Wt 7.883

1997 Wt 7.930

Cr Peroxide very sticky

3)23024
7675
7
5.3725

1998 Nickel peroxide CP
Made by Dr Grathe No 19.g.
20 mesh
24 Ni 10 Co of Coke
pkd automatic machine

spring 1/64 Wt 7.435

1999 Wt 7.654

2000 Wt 7.517

3) 22606
7533
52745

2001 Nickel Hydrate made
by Dr Grothe No 12 - Ni G -

24 green No 20 10 Cobalt flake
pkd auto machine

2002 — LOT

LOT

2003 — LOT

all gone

New Ni Hydrate Make

2004 Reg green 24 + 10 Coflake
005 Block -
but with 6 rings put on
instead of 4 —

spring 1/64 Wt 6.479

Wt 6.578

2005

2006 Wt 6.388

3 | 19445
6482
7
4.5374

fake not first class

2007 Dup 1804

5 grms Amylsulphate Potash
in 2 ach cocc f

spring '64 Wt 6.589

2008 Wt 6.576

2009 Wt 6.537

2010 - Dup 1804

5 gms. Amylphosphate Potash

Each cell

LOt

2011 LOt

2012 Wt

2013 Dup 1804

5 grms Cinnamate Potash

Each Cell,

Spring 1/64" Wt 6.572

2014 Wt 6.666

2015 Wt 6.694

2016- Dup 1804

5 grms Croconate Potash

Each Cell -

Spring 1/64 Wt

2017 Wt

2018 Wt

Cut Out

2019 Dup 1804
5 grams Cyanate Potash
Each Cell

Spring 1/64 Wt 6.701

2020 Wt 6.539

2021 Wt 6.573

2022 Dup 1804

5 grms Cyanurate Potash

Each Cell —

Spring 1/64 Wt 6.758

2023 Wt 6.747

2024 Wt 6.462

2025 Dup 1804
5 grms Iodate Potash
Each cell

Wt 6.670

2026 Wt 6.652

2027 Wt 6.702

2028 Dup 1804

5 grams Nitrobenzoate Potash

Each Cell

Spring 1/64 Wt 6.546

2029 Wt 6.728

2030 Wt 6.678

2031 Dup 1804

5 Grammes Oxamide

Each Cell —

Spring 1/64

10f

032 10f

033 10f

Cut out

2034 Dup 1804

5 grms acetamide

Each Cell,

Opening Wt 6.684

2035 Wt 6.624

2036 Wt 6.624

new Hydrate

2037 Dec 1804 Make

5 grms flour Sulphur

Each Cell

spring '64 Wt 6.686

2038 Wt 6.648

2039 Wt 6.572

[illegible] not first class

2040 Dup 1804

5 gms Pentathionate Polash

Each Cell

[illegible] 1/64 Wt 6.646

2041 Wt 6.700

2042 Wt 6.686

2043 Dup 1804

5 grms Picrate Potash,

Each cell,

Spring 1/64. 10f

2044 10f

2045 10f

Cut a cut

2046 Dup 1804

5 grams phosphite of Potash
Each coll.

Spring 1/4 Wt

2047 Wt

2048 Wt

Ex

Ex

2049 Dup 1804

5 grms Vehenate Potash,

Each Cell,

Spring 1/64 Wt 6.681

2050 Wt 6.700

2051 Wt 6.691

2052 Dup 1804

5 grams Sulphite Potash

Each cell,

Spring 1/64 Wf

2053 Wf

2054 Wf

2055 Dup 1804

5 gms Stannate (Meta) Potash

Each Cell,

Spring 1/64 Wt 6.730

2056 Wt 6.587

2057 Wt 6.685

2058 Dup 1804

5 gm Sulphosuccinate Potash

Each Cell. Spring 1/64

LOF 6.703

2059 LOF 6.687

2060 LOF 6.703

2061 Dup 1804

5 grms. Succinate Palavth

Each cell Wt 6.594

2062 Wt 6.606

2063 Wt 6.648

2064 Dup 1804

5 grms Tellurate Potash

Each Cell,

Spring '64 Wt 6.647

2065 Wt 6.691

2066 Wt 6.665

2067 Dup 1804

5 grms Xanthate Potash

Each Cell
Spring '64 Lot 6.531

2068 Lot 6.627

2069 Lot 6.504

2070 Dup 1804

5 grms Thiacetate Potash,
Each Cell.

10f

2071 10f

2072 10f

2073 Dup 1804

5 grm Mellonide Potash,

Each cell,

10f

2074 10f

2075 10f

Cut out

2076 Dup 1804

5 grms Sulphocyanide Potash

Each cell,

[illegible] 1/64 LOf 6.592

2077 LOf 6.558

2078 LOf 6.536

2079 Dup 1804

5 grms Sulphomolybdate Potash
Each cell,

Wt

2080 Wt

2081 Wt

2082 Dup 1804

5 grms Sulphotungstate Potash

Each cell 10f

2083 10f

2084 10f

New Hydrate

2085 Dup 1804 Mate

5 gms hard Rubber shavings -

Each cell,

spring 1/64 Wt 6.596

2086 Wt 6.488

2087 Wt 6.614

3 | 19698
6566
7
45962

[illegible] not first Class

2088. Dup 1804 Make

5 gms Stearic acid

powdered - Each 100 cc.

Wt 6.661

2089 Wt 6.602

2090 Wt 6.518

saturated solution

2091 - Dup 1804

5 grms Magnesium Powder
Each cell — filed from
piece pure Magnesium
Metal - Wt 6.752
Spring 1/04
2092 Wt 6.644
2093 Wt 6.665

Saturated sol

2094 Dup 1804

5 grams, powdered Cadmium
Each cell made by filing
Cadmium metal.
Spinning 1/64 1 of 6.652

2095 1 of 6.589

2096 1 of 6.624

Saturated Sol

2097- Dup 1804

5 grms Powdered Lead

made from filings

Each CCC,

Strong 1/64 Wt 6.661

2098 Wt 6.702

2099 Wt 6.588

Saturated sol

2100 - Dup 1804

5 grm powdered Antimony

Each cell - 10f

2101 10f

2102 10f

Saturated sol

2103. Dup. 1504

5 gms powdered Bismuth

Each cc,

Wt

2104 Wt

2105 Wt

Saturated Sol

2106. Dup 1804

5 grms ferromangancese

Each cell,

Lot

2107 Lot

2108 Lot

2109 Dup 1804

3 grms, powdered Tin

Each Cell.

Wt 6.910

Spring 1/64

2110 Wt 6.845

2111 Wt 6.918

Saturated sol

2112 Dup 1804 Mate

1 gms. paper broken up

Each Cell

LOF 6.580

2113 LOF 6.509

2114 LOF 6.666

3)19755

6585

7

4.5095

2115. Dup 1804

5 gms Carbonate Potash

Each Cell

10f

2116. 10f

2117 10f

2118 – 3 pkts

10 Co of Cake 24 grow Thro 20

RA No 734 – automatic filler D.T. Run Reg 21% KOH

Requirements Tanks – washings in parallel spring 1/64

Wt 6.681

2119 Wt 6.927

2120 Wt 6.862

3) 20470
6823
7
4.7761

2121 - Dup of 2118

Except RA No 735

5 workings on percolator -

spring 1/64 Wt 6.871

2122 Wt 6.783

2123 — Wt 6.854

3) 20508

6836

7

4,785.2

2124 - Dup 1804

Except 4 grams
Perchlorate of Sodium in
Each Cell,

Wt

2125 Wt

2126 Wt

2127 = Dup 1804

Except 2 grms Caustic Sodium Each cell —

Wf

2128 Wf

2129 Wf

2130 Dup 1804

Except 4 grams Caustic Sodium Each cccc -

Lot

2131 Lot

2132 Lot

2133 Dup 1804
Except 8 grams Caustic
Sodium Each coll.
Wt

2134 Wt

2135 Wt

2136 Dup 1804

Except 2 grams Caustic

Lithium Each cell,

Spring 1/64 Lot 6.731

2137 Lot 6.628

2138 Lot 6.696

3 | 20035
6678
7
46746

2139 Dup 1804

Except 4 grams Caustic

Lithium Each cell

Spring '54

Wt 6.674

2140 Wt 6.552

2141 Wt 6.645

3 | 19871

6624

7

4,6368

2142 Dup 1804

Except 8 grams Caustic Lithium Each cell

Wt 6.710

2143 Wt 6.786

2144 Wt 6.656

$$\begin{array}{r} 3\overline{)20152} \\ 6727 \\ 7 \\ \hline 4,7089 \end{array}$$

OK
Make

2145 Dup 1804

Except run in 23% KOH,

Wt 6.797

spring 1/64

2146 Wt 6.784

2147 Wt 6.702

Dup of above

2145 A Wt 6.463

2146 A Spring 1/64 Wt 6.492

2147 A Wt 6.500

2148 Dup 1804 Make

Except run in 25% KOH,

spring 1/64

Wt 6.710

2149 Wt 6.693

2150 Wt 6.926

Dup of above

spring 1/64

2148 A wt. 6.540

2149 A wt. 6.560

2150 A wt. 6.579

make

2151 Dup 1804

Run in 27% KOH,

Spring 1/64

Wt 6.250

2152 Wt 6.265

2153 Wt 5.973

Dup. of above

Spring 1/64

2151A wt. 6.420

2152A wt. 6.419

2153A wt. 6.415

2154 Dup 1804 Make

Run in 29% KOH,

Spring 1/64" Wt 6.249

2155 Wt 6.200

2156 - Wt 6.226

Slip of Above

Spring 1/64"

2154A wt. 6.455

2155A wt. 6.454

2156A wt. 6.391

Make

2157 Dup 1804

Run in 19% KOH,

Wt 6.409

2158 Wt 6.475

2159 spring 1/64" Wt 6.399

Dup of above,
spring 1/64"

2157A wt. 6.517

2158A wt. 6.494

2159A wt. 6.379

Mike

2160 Dup 1804

Run in 17% KOH

Wt 5.905

2161 Wt 6.021

2162 Wt 6.568

Dup. of Above.
Spacing 1164"

2160A wt. 6.593

2161A wt. 6.584

2162A wt. 6.628

2163 Dup 1804 Make

Run in 15% KOH,

spring 1/64" Wt 6.472

2164 spring 1/64" Wt 6.563

2165 spring 1/64" Wt 6.755

Dup. of above.
Spring 1/64"

2163A wt. 6.557

2164A wt. 6.524

2165A wt. 6538

166 Dup 1804 make

Run in 13% KOH,

Wt 6.634

167 Wt 6.721

168 Spring 1/64 Wt 6.779

Slip of above
Spring 1/64"

2166A wt. 6.727

2167A wt. 6.683

2168A wt 6.679

2169 Dup 1804 Make

Run in 11% ROH.

spring 1/64 Wt 6.799

2170 spring 1/64 Wt 6858

2171 spring 1/64 Wt 6.691

Dup. of above
Spring 1/64"

2169A. wt. 6.775

2170 A. wt. 6.738

2171 A. wt. 6.875

Mark

2172 Dup 1804

Run in 9% KOH,

Spring 1/64" Wt 6.818

2173 Spring 1/64" Wt 6.563

2174 Wt 6.715

Half of above
Spring 1/64"

2172 A. wt 6.668

2173 A. wt. 6.670

2174 A. wt. 6.674

2175 Dep 1804

Except 2 pms Chloride

Lithium Each coll

LOF 6.746

2176 LOF 6.719

2177 LOF 6.776

2178 Dup 1804

Except 4 grms Chloride

Lithium-Each cell,

LOF 6.656

2179 LOF 6.709

2180 LOF 6.716

2181 Dup 1804
Except 8 grms Chloride
Lithium Each 100CC.

LOf 6.744

2182 LOf 6.773

2183 LOf 6.752

2184 Dup of 2118

Refrigerator Tank

Ralph A No 733, green

3 washings in percolator

with 3 washings in percolator

spring 1/64

Wt 7.350

2185 Wt 7.278

2186 Wt 7.284

7 | 21912

7304

7

5.1128

2187 Dup 1804 Make

Except 2 grms Sulphate Sodium

Each Cell,

Spring 1/64 Wt 6.921

2188 Spring 1/64" Wt 6.904

2189 Spring 1/64" Wt 6.921

2190. Dup 1804 Make

Except 4 grammes

Sulphate Sodium Each cell

Spring 1/64" Wt 6.883

2191 Wt 6.777

2192 Wt 6.711

2193 Dup 1804

Except 2 grms

Nitrate Soda Each cell,

Lot

2194 Lot

2195 Lot

2196 - Dup 1804

Except 4 grms Nitrate Soda

Each ccc. Lot

2197 Lot

2198 Lot

2199 Dup 1804

Except 8 grms Nitrate Soda

Each Cell

Wt

2200 Wt

2201 Wt

2202 Dup 1804

Run in Reg 21 —

The top of the pocket is to be loose and a mark made so we can accurately measure expansion — after

Running 2202	Wt	7.528
spring 1/64 2203	Wt	7.450
2204	Wt	7.309

2205 — ~~Dup~~ Dup 2118

6 washings in percolator
RA No 736 —

spring 1/64 — Cot 6.752

2206 — Cot 6.723

2207 — Cot 6.754

3)20229
6743
7
4.7201

2208 Dup of 2118

7 washings in percolator

RA No 737 –

b/prung 1/64" Wt 6.931

2209 Wt 6.895

2210 Wt 7.006

3) 20832
6944
7
4,860.8

2211 Dup of 2118

RA No 738 – 8 washings

in percolator –

sprung 1/64

Wt 6.864

2212 Wt 6.822

2213 – Wt 6.799

3 | 20485
6828
7
47796

2214 — L

Regular green which has had
regs washings but dried at
a very low heat —
10 Coflake 24 green thro 20,
Auto side dump in chim DT

Wt

2215 Wt

2216 Wt

2217 3 pts

RA No 714 – No wash – air dried
then washed free from Soda & dried in heater
at 200 Fahr. 10 Coffee cake 24 green
Reg auto feed –
Spring 1/64 Wt 6.309

2218 Wt 6.165

2219 – Wt 6.045

RA 714 is practically about ~~[illegible]~~
20 mesh as Ralph sends it.

4321. green

2220. 3 pkts

RA No 715 1/2 wash air dried
then washed free from Soda
and dried at 200 Fahr.
10 Coflake 24 green Reg auto
spring 1/64 Wt 6.195

2221 Wt 6.236

2222 Wt 6.129

RA. 715 is finer than 20 mesh as
RA Sends it up —

4.333 green

2223

RA. 662 - 91% $MnOH_2$ 9%
Bi_2O_3 - Thro 20 mesh 10 Co flake
24 nickel 21% —

spring 1/64 Wt 6.207

2224 Wt 6.310

2225 Wt 6.093

3) 18610
6203
4.3421

2226 -

Ra - $Ni(OH)_2$ 90%
$CO_2(OH)_6$ 10% -

Thro 20 mesh 10 Coflake
24 green - 21% -

spring 1/64 Wt 7.632

2227 Wt 7.795

2228 Wt 7.774

3)232.01
773.0
5.91

2229

90% $Ni(OH)_2$ Bi_2O_3 10%
mixed together in paste.
100 flake 24 green

spring 1/64 wt 7.061

2230 wt 7.027

2231 wt 7.012

3) 21.100
7030
4921

2232 -

90% $Ni(OH)_2$ Bi_2O_3

Made by precipit $NiSO_4$ + $Bi(NO_3)_3$ mixed together by KOH, 005 burn ground.

10 Co flake 24 green

Straight

Wt 5.668

2233 Wt 5.895

2234 Wt 5.695

3) 717258
5753
4.0271

2235 =

RA 718 Thio 20 mesh

No wash, air dried, washed &

air dried – pk reg way to Coflake

24 green 21% DT

Wt 6.855

spring 1/64"

2236 Wt 6.813

2237 Wt 6.791

Its already finer than

20 mesh –

3) 20459
6819
7
47733

2238

RA No 719 } thro 20 mesh
No wash, air dried, washed & air
dried — 10 Cc of Cake 24 gram
21% DT -

Wt 6.718

spring 1/64

2239 Wt 6.738

Wt 6.584

2240 —

3) 20040
668
676

Its already finer than 20 mesh

2241

RA No 745 No wash - not filtered
air dried - dried low heat, percolated
10 Co flask 24 green - Reg

Spring 1/64 Wt 6.678

2242 Wt 6.699

2243 Wt 6.652

3) 20029
6676
4.6732

2244

RA. 752 No wash Dried low heat

Cobalt free —

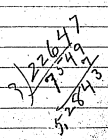
Regular

spring '64 Wt 7.597

2245 Wt 7.594

2246 Wt 7.456

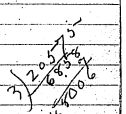
3) 22647
7549
5,2843



2247 RA 744 No wash filtered air dried - Dried low heat, percolated. Reg

2246	Wt 6.810
2248	Wt 6.917
2249	Wt 6.848

3) 20.575
68.58
4.8006



Notebook, N-07-01-31

2250 3 ~~pt~~ tubes -

RA 765 -

Pack reg in tubes 10 Cap. Pk

24 - stuff - DT - 005. burs ground -

Straight Wt 9.147

2251 Wt 9.039

2252 - Wt 9.330

very Sticky in Machine

920
7
6.440

2253 2 tubes.

RA 767 - screen thro 20 mesh -
10 Coflake 24 screen C 005 burn grad
Regular fill - Run Reg

spring 1/64 Wt 7,126

2254 Wt 6.975

2255 2 tubes —

RA768 —

Dup of 2253

spring 1/64 wt 6.891

2256 wt 6.810

2257 2 tubes

RA 769

Dup of 2253

Wt 7.567

spring 1/64

2258

Wt 7.555

5.25

2259- 2 tubes
Ra 770
Dup of 2253

spring 1/62 Wt 6.856

2260 Wt 6.825

2261 2 tubes

RA771
Dup of 2253

spring 1/64

Wt 7.081

2262

Wt 6.992

2/14073
703
4,721

2263. 2 tubes

Ra 772
Dup of 2253

spring 1/04

Cot 6.903

2264 —

Cot 6.888

2) 13791
6895
7
4,8265

L

2265.

R.a. 758

Dup. of 2253

wt

Cut out

2266 wt

Packs in hopper sticks up feed slide can not work it

Where is wt,

L

2267

R.A. 766

Dup of 2253

sprung 1/64"

wt 6.724

2268 wt 6.627

2269 wt 6.751

$$\begin{array}{r} 3\overline{)20102} \\ 6701 \\ 4 \\ \hline 4.69.07 \end{array}$$

L

2270

R.A. #774 Dup of 76 R.A.
Low heat no wash
Dup of 2253

sprung 1/64

wt 7.315

2271 wt 7.750

2272 wt 7.474

3) 22539
7513
7
5,2591

2273

763 R.A. Treated Hypo no wash not filtered dried low heat percolated

Loss of 2253

spruning '16 wt 6.485

2274 wt 6.517

2) 13.002
6.501
4.5503

Packs in hopper had to tap it to make it feed fine as flour

2275 3 Tubes Wt 7.813

RA 790 –

Regular pack

2276 Wt 7.702

[illegible]

2277 Wt 7.503

3 | 23018

767

7

5,369

2278 RA 776 –
Reqpack
wt 6.191

2279 wt 6.253

sprung 1/64"

2280 wt 6.365

3 | 18809
6279
7
4589

2281 Ra 791 A.

Reg/pack

Wt 6.073

2282 Wt 6.204

2283 Wt 6.199

3/1847 6

6159

7

4,3113

2284 - RA 791

Regpack COP

2285 COP

Cut out

2286 COP

Packs in hopper + dont feed Sticks up feed slide fine as flour

~~Where cut~~

2287. RA 775 ni Expt
no wash Dried low heat
not filtered Reg pack
Cut

2288 Cut

Cut out

2289 Cut

Packs in hopper dont feed Sticks up feed
slide fine as flour.

2290 749 Ra -

Reapack

wt 5.909

spring 1/64

2291 wt 6.007

2 | 11916

~~2292 wt~~

5958

4,1706

2292 750 Ra-

Spring 1/64 Wt 6.077

2293 Wt 6.015

2)12092
6046
7
4,2322

2294 Ra 751—

spacing 1/64 Wt 5.706

2295 Wt 5.804

2 | 11510
5755
4,0285

2296 RA 748
No wash air dried not filtered

spring 1/64 Wt 6.064

2297 Wt 6.097

2 | 12161
608 3/4
4,256

2298 Ra 788

Sprung 1/04 Wt – 7.282

2299 Wt – 7.126

2) 14408

7204

7

5,0428

2300 ~~White~~ Six Tubes Reg pack
3½ wt 5" Drop — 24 Reg $M(OH)_2$
10 Co flake — Reg pack
2400 holes burs ground — New 5 lb anode
CP Cobalt = Reg irons - 2 — 8 hours chg
8 discharg

Run cold

2301	wt 6.865
Spinning 1/64	
2302	wt 6.806
2303	wt 6.357
2304	wt 6.909
2305	wt 6.932
2306	wt 6.885

685
479

2306 ~~[illegible]~~ Three tubes -
Same as 2300 Except the 2 irons that goes with Each tube is to be new process Copper Mercury iron not regular Iron. CPCo flake 8 hours charge 8 discharge
Run cold

spring 1/64 Wt 6.534

2307 Wt 6.303

2308 Wt 6.313

64
2
4.48

2309 - 3 tubes
Same as 2306 Except
Run hot
8 hours chg 8 disch Wt 6.779

2310 Wt 6.714

sprung 1/64

2311 Wt 6.788

67
7
4.69

2312 Same as 2306 -
Copper ions -
Run hot & reversed once
Each week — 8 hours chg
8 dischg

Wt 6.778

spring 1/64
2313

Wt 6.855

2314

Wt 6.765

6.75
4.72

All tubes hereafter
Run 8 hours charge &
8 discharge
giving 1½ runs
daily

2315 = Same as 2300

Except Cobalt flake
9 Co 1 Nickel flake mixed — 24 Mo Oh
Req nons —

Wt 7.013

spring 1/64
2316 Wt 6.858

2317 Wt 6.915

Dup of above

spring 1/64
2315 A wt 6.491

2316 A wt 6.596

2317 A wt 6.545

2318 Dup of 2315

Except

8 Co flake 2 nickel flake

mixed & 24 N.OH.

Wt 7.049

sprung 1/64

2319 Wt 7.046

2320 Wt 6.951

Dup of above

sprung 1/64

2318 A 6.715

2319 A 6.815

2320 A 6.697

2321 Dup 2315

Except 7 Coflake 3 nickel
flake mixed 24 nickel

Wt 7.066

sprung 1/64

2322 Wt 6.770

2323 Wt 6.500

Dup of above

sprung 1/64

2321 A wt 6.615

2322 A wt 6.696

2323 A wt 6.680

3)20336
6745
4721

2324 Dup 2315

Except 6 Co flake 4 nickel
flake mixed - 24 nickel hydroxide

spring 1/64

Wt 6.948

2325 Wt 6.938

" 2326 Wt 6.818

Dup of above

spring 1/64

2324A wt 6.647

2325A wt 6.818

2326A wt 6.750

2327 Dup of 2315
Except 5 Co 5 nickel flake mixed
24 Ni(OH)2

sprung 1/64	Wt	6.950
2328	Wt	7.022
" 2329	Wt	7.035

Dup of above

sprung 1/64 2327 A	wt	7.033
2328 A	wt	7.173
2329 A	wt	7.096

2330 Dup 2315

Except 4 Co 6 nickel flake, mixed 24 $Ni(OH)_2$ —

	wt	7.084
2331	wt	7.215
2332 —	wt	7.151

Dup of above

spring 1/64 2330A	wt	7.068
2331A	wt	7.127
2332A	wt	7.198

2333 Regular old Nickel
Cups 3.2 grammes regular
Nickel mix - 2 Reg ions -
8 hours chg 8 hours disch g
Hot Pin

2334

2335 Done

2336

2337 -

Dup of above

2333 A
2334 A
2335 A Done 5/1/07
2336 A
2337 A

2338 Green Through 30 mesh
fines all in 24 NiOH 10 Coflake
Reg ions — Reg loading
2400 holes burs ground
8 hours chg 8 dischg

spring 1/64 Wt 6.228

2339 Wt 6.415

2340 Wt 6.355

3 | 18998
6333
4.4331

2341 Dup of 2338

Except green through 40 fine
all in L

spring 1/64 Wt 6.055

2342 Wt 6.264

2343 Wt 6.182

3/18501
6167
4.5169

2344 Dup of 2338

Except green thro 50
mesh fines all in

~~2345~~ Wt 6.181

2 prung 1/6 in

2345 Wt 6.006

2346 Wt 5.921

3 | 18108
6036
4.2252

2347 Dup of 2338
Except green thro 60 fines all in

spring 1/64" Wt 6.380

2348 Wt 6.130

2349 Wt 6.373

3)18883
6294
2
4.4058

2350 Dup of 2338

Except. green thro 100' fines all in

sprung 1/64 Wt 6,350

2351 Wt 6.470

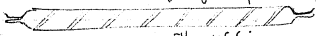
2352 — Wt 6.729

3)19549
6516
7
4.5612

2353 WT

Group of 3

spiral flat stock wound on smaller mandrel than tube so it makes a spiral smaller than tube then draws it over tube after fitting



and secures the ends at clamp place

2354 WT

2355 WT

2356 Dup of 2353

Lot

less pitch,

2357 Lot

2358 Lot

2359 Dup of 2353

005 nickel wire wound at
this pitch on smaller mandrel.

Wt

2360 Wt

2361 Wt

2362

Reg tubes. 2400 – burs ground
10 x 24 Reg fill –

To be run in 18% KOH, 3%
Carbonate Potash
4 Rings

Wt 6.446

Sprung 1/64
2363

Wt 6.593

2364

Wt. 6.540

2365

Dup of 2362

Except. 16% ROA, 5% Carbonate Potash - 4 Rings

Wt 6.483

~~[illegible]~~

Sprung 1/64

2366 Wt 6.462

2367 Wt 6.516

2368 Dup of 2362

Except 13% KOH - 8%

Carbonate Potash 4 mp

Spring 1/64 Wt 6.498.

2369 Wt 6.538

2370 Wt. 6.504

2371–
Reg Tubes
6 Rings on instead of 4

Sprung 1/64 Wt 6.621

2372 Wt 6.569

2373 Wt 6.546

005 burn off
so far all stock
preceding 005 2400
burns grown

2374 -
Reg tubes

8 Rings on instead of
of 4 Lot 6,558

-Spring '64

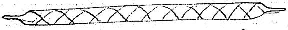
2375 Lot 6,572

Lot 6,383

2376

2377 Req tube –

Braided wire over tube



[illegible] Req [illegible] LOF

2378 LOF

2379 LOF

2380

Reg tubes.

6 Rings run in Reg 21 % with 10 grams Potassium Chloride - in each cell -

Wt 6.620

sprung 1/64

2381 Wt 6.699

2382 Wt 6.512

2383

Dup of 2380 Except

8 Rings — 21% KOH 10 grams

Pot chl — in each cccc

sprung 1/64 | Wt 6.632

2384 | Wt 6.587

2385 | Wt 6.656

2386 —

Dup of 2377

Cut run in 21% KOH containing 10 grams Potash Chloride in Each cccc —

Wt

2387 Wt

2388 — Wt

2389 —

Dup of 2359 —

Except run in Reg 21% with 10 grams Palladium chloride in Each cccc.

Wet

2390 Wet

2391 — Wet

2392

Dup of 2356 —

Except run in Reg 21 %
with 10 grms Potassium chloride
in Each cell —

lot

2393 lot

2394 — lot

2395

Pack & Run Reg 10 cft x 24 grain —

Rogers latest square hole —

Large perfs 6 ... —

21 holes across —

005 stock —

4 Rings

Wt 6,500

spring 1/52

2396

Wt 6,650

2397

Wt 6,675

~~11-29 ...~~

2398 Dup of 2395
But 3 3/4 thousandths stock
4 rings
Wt 6.710

2 prung 1/32
2399 Wt 6.958

2400 Wt 6.534

2401 Dup of 2395

But run in Reg 210/6 KCft
Containing 10 gms Potash
Chloride each ccc 4 rings

Wt 6.668

2402 Wt 6.320

spring 1/32

2403 Wt 6.611

2404 Dup of 2398

Except run in Reg 21%
Containing 10 grms Potassium
Chloride in each cell —
4 Rings

Wt 6.462

spring 1/32"

2405 — Wt 6.041

2406 — Wt 6.411

2407 —

Reg tubes 2400 - burs off

10 cof 24 green thro 20

Use 3 lbs weight in

packing —

Wt 6.500

spring 1/64

2408 Wt 6.486

2409 = Wt 6.473

2410 -

10 Nickel flake same thickness according to Current as regular Co
24 Reg green 3½ lb wt,
Reg pack Reg 2400 holes burs ground
005 stock 4 Rings on spring 1/64

	Wt 7,650
2411	Wt 7,735
2412	Wt 7,590
2413	Wt 7,562
2414	Wt 7,579
2415	Wt 7,635

6) 45751
7625
7
5,3375

2416

Nickel flake same as in 2410 -
10 green 24 - packed Reg 2400 holes
005 burs off 4 Rings on

Run in 21% Containing 10 grammes
Chloride of Potassium each cell

spring 1/64 Wt 7.553

2417 Wt 7.566

2418 Wt 7.416

3) 22535
7512
7
5.2584

2419 –

Nickel flake 8 parts ~~Cobalt~~
flake 2 parts mixed together will green
24 parts
3½ wt – .005 stock 2400 holes
4 rings –

Run in 21% KOH containing
10 grammes Chloride Potassium
Each cell –

Wt 7.271

sprung 1/64"

2420 Wt 7.313

2421 Wt 7.310

2422 Dup of 2419

Except Nickel flake
7 parts Cobalt flake 3 parts
24 green
10 grms Pot, chl — Etc

Wt 6.970

spring '61

2423 Wt 7.015

2424 Wt 7.003

2425 — Dup of 2419

Except 6 parts of Nickel flake 4 parts of Cobalt flake

10 grams Pot Chl Etc, each cell —

Wt 6.855

Spring 1/64

2426 Wt 6.943

2427 Wt 6.874

2428

Dup 2419 —
Except 5 parts nickel flake
5 " Cobalt "

10 gms Pot Chl Each cell - Etc

Spring 1/64 Wt 6.705

2429 Wt 6.621

2430 Wt 6.726

2431

10 Nickel flake 24 grain in
Rogers new 005 stock 21 holes across
4 Rings 3½ cut

Wt 7.414

spring 1/32
2432

Wt 7.495

2433

Wt 7.430

3) 22339
7446
5.2122

2434

Dup of 2431
5 Nickel 5 Cobalt flake
Mixed — 24 gases Run req 21%
4 Rings 005 21 hole stick —

Spring 1/32 Wt 6.709

2435 — Wt 6.645

2436 — Wt 6.608

2437 Dup of 2434

Except 7 nickel flake 3 Cobalt
24 grain — .005 21 holes 4 rings

Wt 7.0.15

opening 1/32

2438 Wt 6.996

2439 Wt 6.848

2440

Dup of 2434
Except 8 nickel 2 Cobalt flake
005 21 hole stock –

Wt 7,237

spring 1/32"
2441 Wt 7,138

2442 Wt 7,255

2443

10 Cobalt flake the tough
Kind before reducing in Hydrogen
but dried in Centrifuge + used
without Hydrogen
24 Green

Wt 6.465

spring 1/64

2444 Wt 6.400

2445 Wt 6.527

Dup of above.

spring 1/64

2443 D wt 6.367

2444 D wt 6.264

2445 D wt 6.258

2446

10 Co 24 green packed in tube made thus

5 Rings on

no joints

guess you can't make this turned in so far — use whole width strip anyway

Wt

2447 Wt

2448 Wt

2449 Reg Rogers 2400 hole stock
4 Rings 10 Co flake 24 Reg green
Reg pack 3½ lb wt —

Run in 21% KOH, with 100 milligrammes
Caustic Lithia in Each cell —

Tell Dr Grathe want it pretty pure — Wt 6.540

2450 Wt 6.353
spring 1/64

2451 Wt 6.531

3)19424
6470
75
32375
4 5325
4.5562

4.52

6470
7
4.529

2452 Dup of 2449

Except 250 Milligrammes Caustic Lithia in Each cell — with Reg 21% KOH,

Wt 6.585

2453 Wt 6.617

2454 Wt 6.533

3)19735
6578
779
4,60480

4.60

2455 Dup of 2449

Except 500 Milligrams Caustic Lithia in Each cell — with Reg 21% KOH,

spring '64 Wt 6.681

2456 * Wt 6.702

2457 Wt 6.709

3)20092
6697
7
4.6879

2458 Dup of 2449

Except one gramme of Caustic Lithia in Each cell with Reg 21% KOH –

Wt 6.547

spring '64

2459 Wt 6.492

2460 Wt 6.659

$$\begin{array}{r} 3\overline{)19698} \\ 6566 \\ 7 \\ \hline 4.5962 \end{array}$$

2461

Dup of 2449

Except $1\frac{1}{2}$ grammes

Caustic Lithia in Each

Cell with Reg 21% KOH —

Wt 6.420

sprung 1/64

2462 Wt 6.538

2463 Wt 6.418

$$\begin{array}{r} 6.418 \\ 3\overline{)19376} \\ 6459 \\ 7 \\ \hline 45213 \end{array}$$

2464

Rogers 21 hole across stock
5/1000 4 Rings
10 Co flake 24 Reg green
pack reg —

One gramme caustic Lithia
in Each cell with Reg
21% KOH,

Wt 6.654

spring 1/32

2465 Wt 6.547

2466 Wt 6.619

$$3\overline{)19820}$$
6607
7
4.6247

2467. Dup of 2464
Except 2 grammes
Caustic Lithia in each
Cell —

	Wt	6.481
spring 1/32		
2468	Wt	6.497
2469	Wt	6.609

3 | 19587
6529
43703

2470

Rogers 21 Hale stock
5/1000 4 Rings
Nickel flake 10 Reg green 24
Regpack —
2 grammes Caustic
Lithia Each cell with Reg 21% KOH.

sprung 1/32

Wt 7.568

2471 Wt 7.490

2472 Wt. 7.548

3)22606
7535
7
5.2745

2473.

Dup of 2470

Except Cell filled with 15% KOH, and two grammes Caustic Lithia to each cell —

spring 1/32

Wt 7.638

2474 Wt 7.525

2475 Wt 7.598

$3\overline{)22.761}$

7.587

5.3107

2476

Dup of 2464 —

Except. use 15% KOH

& put 2 grammes Caustic

Lithia in Each Cell —

Wt 6.250

sprung 1/32

2477 Wt 6.548

2478 Wt 6.594

$$\begin{array}{r} 3\overline{)19392} \\ 6464 \\ 4.5248 \end{array}$$

2479 =

Reg 2400 halo 005 –

Co flake 10 green 24 —

15% Na Oft, Caustic Soda
be sure its not Carbonated
~~tell~~ Dr G

to this add 2 grammes
Caustic Lithia to each cell

wt 6.503

spaning 1/64

2480 wt 6.585

2481 wt 6.656

3)19747
6582
7
4.6074

2482

2400

005 Rogers ~~21~~ Reg — burn off
Nickel flake 0001 to be made by
greenley. where he treats with
Cyanide after treating with
Copper Solution — 3½ lbs Reg 21%
10 Ni flake 24 Reg green — 4 rings

Spring 1/32 Wt 6.494

2483 Wt 6.280

2484 Wt 6.246

$$\begin{array}{r} 19020 \\ 6340 \\ 9 \\ \hline 4.4380 \end{array}$$

2485. Dup of 2482 except
Rogers 21 hole stock - 4 rings -

Spring 1/32	Wt	5.759
2486	Wt	6.109
2487	Wt	6.250

2488 ~~Dup of 2482~~

21 Hole 005

~~Except~~ Ni flake regular 0001
same as we used before not 11ro
H— ~~[illegible]~~

9 flake 24 green SPIRAL

Slightly Sprung Wt 6.331

2489 Wt 6.204

2490 Wt 6.232

3) 18767
6256
7
4.3792

2491 —

~~Dup 2488~~ — Spiral

Except 21 005 —

8 Mckelflake 24 green

Slightly Sprung	Wt	6.106
2492	Wt	6.117
2493	Wt	6.002

3)18225

6075

-2

4.2525

2494 ~~Drop of 2488~~

Except

7 Nickel flake 24 green
21 Soft spiral

Slightly Spruing. Wt 6.032

2495 Wt 6.053

2496 Wt 6.025

3 | 18110
6037
7
4.2259

2497 ~~Dup of 2488~~

Except Nickel flake 6 green 24
Spiral 21 Hole 005

slightly Sprung. Wt 5.951

2498 Wt 5.810

2499 — Wt 5.872

3 | 17633

Would not feed regularly.

5877
7
4,1139

5000

Reg 0001 Nickel flake not thro Hydrogen
10 Niflake 24 of the green used in
No 1983 — marked No washing
Dried low heat, Rogers 005 26x30 stack
3½ lbs —

spacing 1/32

Wt 6.974

5001 Wt 7.022

5002 Wt 6.913

3) 20909
6969
7
4.8783

5003

Dup of 5000

Except use green, that was used in NO 1986 marked 1/2 Washings Dried low heat,

sprung 1/32 Wt 7.053

5004 Wt 7.110

5005 Wt 6.953

3)21116
7035
7
4.9245

5006

Dup of 5000.
Except use green of No 1989
Marked 1/2 wash dried high heat,

Sprung 1/32 Wt 7.825

5007 Wt 7.694

5008 Wt 7.623

3) 23142
7714
7
5.3998

5009 - Dup 5000

Except use green of No 1992

Marked No washing. Dried high heat.

spring 1/32 Wt 7.784

5010 Wt 7.599

5011 Wt 7.589

3)22972
7657
7
5,3599

5012 - Dup 5000

But with green 1 wash

Two percolator f

sprung 1/32

Wt 7.889

5013 Wt 7.874

5014 Wt 7.919

3 | 23.682

7.894

7

5.5258

5015 Dup 5000

but green 2 washings thro percolator —

2/2 rung 1/32

Wt 6.971

5016 Wt 6.966

5017 Wt 6.534

3 | 20471
6824
7
4.7768

5018 Dup 5000

Except 4 washings thro

percolator –

spring 1/32 Wt 6.607

5019 Wt 6.614

5020 Wt 6.707

3 | 19928
6643
4.6501

5021 Dup of 5000

Except 8 washings thro

percolator —

sprung 1/32" Wt 6.639

5022 Wt 6.441

5023 Wt 6.465

3 | 19545
6513
4,5605

5024 = Dup 5000

Except Green same as RA 752 used

in No 2244 —

Spring 1/64 Wt 7.309

5025 Wt 7.211

0

5026 — Wt green all gone

2)14520

7260

7

5.0820

5027 Dup 5000

Except Use RA-744 same as used in No 2247-

Wt 6.546

Spring 1/64

5028

Wt 6.529

5029

Wt 6.493

3) 19568
6523
7
45661

5030

~~Dup~~

Reg Nickel flake 0001 - not thrott - 5/1000 Rogers
26 X 30 hole - to 62 put up with
New process iron containing
Copper - We have 3 bottles of it
pack reg - Fe 5 g

sprung 1/32" Wt 6.520

5031 Wt 6.511

5032 Wt 6.419

3 | 19450
6483
4.5381

5033

Dup of 5030

New process yrons with Copper sg
but run Cold
spring 1/32

Wt 6.512

5034 Wt 6.498

5035 Wt 6.547

3 | 19557
6519
9
4,5633

5036

Dup of 5030

New process now with Copper 5.g.
Except they are to be reversed
on hot last once week –

sprung 1/32

Wt 6.537

5037 Wt 6.541

5038 Wt 6.430

3)19508
6503
7
4.5521

5039

Reg Nickel flake 0001 not thro H.
005 — 26x30 3½ lbs — 4 rings

Run in 33% KOH.

sprung 1/32

Wt 6.640

5040 Wt 6.643

5041 Wt 6.578

3)19861
6620
7
4,634

5042 Dup of 5039

Run in 31% KOH,

sprung 4/32

Wt 6.563

5043 Wt 6.404

5044 Wt 6.510

3)19477
6492
7
4.5444

5045 Dup 5039 —

Run in 29% KOH —

sprung 1/32

Wt 6.070

5046 Wt 6.287

5047 Wt 6.578

3)18935
6312
7
4.4184

5048 Dup 5039

Rum 27% KOH

sprung 1/32

Wt 6.521

5049 Wt 6.648

5050 Wt 6.632

3 | 198 3 1
66 10
7
4.627

5051 Dup 5039

Run in 25% KOH,

sprung 1/32"

Wt 6.528

5052 Wt 6.527

5053 Wt 6.559

3) 19.614
6538
4,5766

5054 Dup 5039

Run in 23% ~~Kott~~

sprung 1/32"

Wt 6.587

5054 1/2 Wt 6.627

5055 Wt 6.573

3)19787
6596
7
4,617 2

5056 Dup 5039

Run in 21% KOH,

spring 1/32

Wt 6.634

5057 Wt 6.644

5058 Wt. 6.555

3)19933
6611
4.6277

5059 Dup 5039

Rum in 19% Koff.

sprung 1/32

Wt 6.610

5060 Wt 6.536

5061 Wt 6.470

3 | 19616
65 39
4.5773

5062 Dup 5039

Run in 17% ~~Koff~~ —

sprung 1/32 Wt 6.506

5063 Wt 6.566

5064 Wt 6.610

3 | 19682
6561
7
4.5927

5065 Dup 5039

Rum 15% KOH

sprung 1/32

Wt 6.535

5066 Wt 6.597

5067 Wt 6.627

3 | 19759
6586
9
4.610 2

5068 Dup 5039

Run in 13% KOH,

spring 1/32"

	Wet	6.576
5069	Wet	6.530
5070	Wet	6.581

5071 Dup 5039

Rum m 11% KOH,

spring 1/32

Wt 6.538

5072 Wt 6.422

5073 Wt 6.482

5074 Dup 5039

Run on 9% Koff,

sprung 1/32 Wet 6.560

5075 Wet 6.573

5076 - Wet - 6.510

5077 —

One washing
through bar and cator
26x30 — 005 —

5078 Cut
Cut

5079 Cut,

5080

~~Two Washings Hero percolator~~

5077 -

RA - 90% grain 10% Bi_2O_3

This is a duplicate of 2229

Wt 6.901

Sterling 1/64

5078 Wt 6.941

5079 Wt 6.870

5080

Ra-752-

No wash dried low heat

Cobalt [illegible]

Dupe 2244 26X30 005

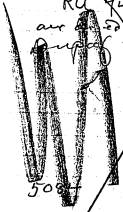
Wt

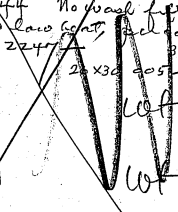
5081 Wt

5082 Wt

5083 –

RA 744 No wash filtered
air [illegible] low heat, [illegible] calculated
[illegible] 2247 [illegible] 3 ½
2 x 30 405 –





WP

5084 WP

5085 WP

5086

Ra 767 —
Dup of 2253 — 26 X 30. 005 —

Cut Out Wf

5087 Wf

5088 Wf

5089

RA 768 —

Dup of 2255 — 26X30 - 005

Cut. Out

5090

5091

5092

Ra 769-

Dup of 2257 26×30 005

Cut Out Wt

~~5093~~ 5093 Wt

5094 Wt

5095

RA 770

Dup of 2259 26X30 -005-

Cut Cut wf

5096 wf

5097 wf

5098

Ra 772

Dup of 2263 – 26 x 30 005 –

Cut Cut Wf

5099 Wf

5099½ Wf

Notebook, N-07-02-23.1

5100 -

not through H

Nickel flake 0001 cut 30/1000
wide in strips - screened Thro 20 mesh
10 flake 24 Reg green 26X30 hole
005 4 rings burs ground 3½ lb

Wt 6.172

Sprung 1/32

5101 Wt 6.131

5102 Wt 6.189

Would not feed had to fill slide
by hand tapping slide

3 | 18 4 9 2
6 1 6 4
7
4.5 1 4 8

5103

not through H

Nickel flake 0001 strips cut
20/1000 wide - screened thro 20
mesh 10 flake 24 Reg grain
26 x 30 hole burs ground 4 Rings
005 — 3½ lbs

Wt 6.232

5104 Wt 6.390

5105 Wt 6.297

did not feed very good, had to
fill by hand tapping slide

$$\begin{array}{r} 18919 \\ 6306 \\ 7 \\ \hline 4.4142 \end{array}$$

5106. Dup of 5100

Except use 21 Hole stock 005

Spring 1/32 Wt 5.941

5107 Wt 5.996

5108 Wt 6.174

Would not feed, had to fill slide by hand tapping it.

3 | 18111
6037
7
4.2259

5109 Dup of 5103

Except use 21 Hole wide stock

Wt 6.047

5110 Wt 6.191

5111 Wt 6.060

Did not feed very good, had to fill slide by hand stopping it

$$\begin{array}{r} 18298 \\ 6099 \\ 7 \\ \hline 4.2693 \end{array}$$

5112 =

Nickel flake 1/2 thickness not through Hydrogen — 26X30 holes burs ground off 005 — Regular pack 10 flake 24 Reg green

sprung 1/32" Lot 6.103

5113 Lot 6.077

5114 Lot 6.006

3)18180
6006

(Did not feed very good.)

606
7
4.242

5115. Dup of 5112

Except of nickel flake 1/2 thickness
24 green -

spring 1/32 Wt 6.033

5116 Wt 5.956

5117 Wt 5.981

3 | 17970
5.997

Did not feed very good.

5.997 -
73
17991
41979
4.3778

4.37

5118

Dup of 5112

Except 8 nickel flake 1/2 thickness
24 green

spring 1/32

Wt 5.952

5119 Wt 5.952

5120 Wt 6.031

3) 17935
5978
7

Slid not feed very good.

5.97
75
2985
4179
4.477

4.47

5121 Dup of 5112

Except 7 nickel flake 1/2 thick
24 green

sprung 1/32" Wt 6.025

5122 Wt 5.977

5123 Wt 5.944

3)17946
5982
77
41874
41874
4160614

4.60

5124 Dup of 5112

Except 6 nickel flake 1/2 Thickness
24 green

spring 1/32 Wt 5.949

5125 Wt 6.014

5126 Wt 6.096

3 | 18059
6019
80
80
4.81520

4.81

5127 Dup of 5112

Except 5 nickel flake 1/2 thickness
24 green

spring 1/32 Wt 5.989

5128 Wt 5.974

5129 Wt 5.947

3 | 17910
5970
827
4179
1194
4776
4937

4.93

5130 Dup of 5112

Except 4 nickel flake 1/2 thickness
24 green

Wt 5.930

spring 1/32"

5131 Wt 5.899

5132 Wt 5.947

3)17776
5925
857
4147
29625
47400
50776

5.07

5133 Dup of 5112

Except 3 nickel flake 1/2 thick
24 green —

Sprung 1/32" Wt 5.784

5134 Wt 5.74

5135 Wt 5.682

3) 17207
5736

5.09

24 -
3

27 (240
216

509

5136 —

Nickel flake 0001 reg size which has been through Hydrogen just at a very dull red heat at night dont run in day times —

Thro 20 —

10 flake 24 green 26x30 hole burs ground 005 — Reg pack 4 Rings —

spring 1/8"

Wt 6.795

5137 Wt 6.894

5138 Wt 6.788

3 | 20477
6826
7
4.7782

5139 Dup of 5136 -

Except 5 Rings -

sprung 1/32"

Wt 6.924

5140 Wt 6.766

5141 Wt 6.758

$$\begin{array}{r} 6.758 \\ 3\overline{)20448} \\ 6816 \\ 7 \\ \hline 4.7712 \end{array}$$

5142 Dup of 5136

Except 6 Rings—

sprung 1/32

Wt 6.809

5143 Wt 6.858

5144 — Wt 7.021

$$\begin{array}{r} 20688 \\ 3\overline{)\,6896} \\ 7 \\ \hline 4.8272 \end{array}$$

5145

Reg Nickel flake 0001 Not thro Hydrogen
3 lb weight - 26x30 turs off 005
Reg pack 4 rings

[illegible] 11/32 Wt 6.357

5146 Wt 6.434

5147 Wt 6.407

3) 19198
6399
7
4.4793

5148 Dup of 5145

Except 5 Rings –

sprung 1/32"

Wt 6.439

5149 Wt 6.373

5150 Wt 6.481

3)19293

6431

7

4.5017

5151 — Dup of 5145 —

Except 4 lb weight.

4 rings —

spring 1/32

Wt 6.746

5152 Wt 6.709

5153 Wt 6.740

$$\begin{array}{r} 3\overline{)20195} \\ 6732 \\ 7 \\ \hline 4.7124 \end{array}$$

$$\begin{array}{r} 3\overline{)20195} \\ 6732 \\ 7 \\ \hline 4.7124 \end{array}$$

5154 — Dup of 5145
Except $4\frac{1}{2}$ lb weight,
4 rings —
sprung 1/32"

Wt 6.691

5155 Wt 6.857

5156 Wt 6.923

$$\begin{array}{r} 3\overline{)20471} \\ 6824 \\ \hline 4.7768 \end{array}$$

5157 ~~[illegible]~~

Nickel flake 0001 not thro #1,
21 Hole stock —
4 lb weight
4 rings —
opening 1/32

lot 6.640

5158 lot 6.587

5159 lot 6.516

3 | 19743
6581
4.6067

5160 Dup of 5157
Except 5 Rings —

sprung 1/32 Wt 6.550

5161 Wt 6.536

5162 Wt 6.676

$$\begin{array}{r} 6.676 \\ 3\overline{)19752} \\ 6584 \\ 7 \\ \hline 4.6088 \end{array}$$

5163 5000 stock 21 holes across.
Reg Cobalt Flake 10 + 24 Reg Nic
Run 2% KOH
One turn spiral tube 4 rings

Spring slightly wt. 6.430

5164 wt. 6.459

5165 wt. 6.400

3 | 19289
6429
.7
4.5003

5166 Duplicate of 5163

Run 21% KOH

10 gms Chloride Potass each cell.

~~Sparking slightly~~ wt. 6.349

5167 wt. 6.371

2) 12720

6360

4540

5168 5/000 stock 21 holes across
Half turn spiral tube
reg green on Co 10 + 24 green hi (OH)
Run 21% KOH.

Spring slightly wt. 6.156

5169 wt. 6.279

5170 wt. 6.082

3)18517
6172
7
4,3204

5171

26X30 005 — 3½ LB wt,
10 nickelflake 0001 not thro H,
24 green

Run in 33% Caustic Soda.
By alcohol free of Carbonate.

Spring 1/64" Wt 6.006

5172 Wt 5.979

5173 Wt 6.104

3)18089
603
4.221

5174 Dup of 5171

Run in 31% Caustic Soda

Spring 1/64 Lot 5.962

5175 Lot 6.001

5176 Lot 6.010

$$3\overline{)17973}$$
$$5991$$
$$7$$
$$4{,}1937$$

5177 Dup of 5171

Run on 29% Carstic Soda

Spring 1/64 Wt 6.147

5178 Wt 6.075

5179 Wt 6.148

3) 18370
6123
7
4,2861

5180 Dup of 5171

Run in 27% Caustic Soda

Spring 1/64	Wt	6.119
5181	Wt	6.155
5182	Wt	6.208

3) 18482
6161
7
4.3127

5183

Dup 5177

Run in 25% Caustic Soda

Spring 1/64	Wt	6.102
5184	Wt	6.151
5185	Wt	6.100

3) 18353
6118
7
4,2826

5186 Dup of 5177

Run in 23% Caustic Soda

Spring 1/64 Wt 6.104

5187 Wt 6.134

5188 Wt 6.222

3) 18460
6153
7
4,3071

5189 Dup of 5177

Run in 21% Caustic Soda

spring 1/64	Wt	6.125
5190	Wt	6.177
5191	Wt	6.120

3) 18422
6141
7
4.2987

5192 Dup 5177

Run in 19% Caustic Soda

	COF	6.127
Spring 1/64		
5193	COF	6.154
5194	COF	6.156

$$\begin{array}{r} 6.156 \\ 3\overline{)18437} \\ 6146 \\ 7 \\ \hline 4.302\,2 \end{array}$$

5195 Dup 5177

Run w 17% Caustic Soda

Spring 1164 Wt 6.214

5196 Wt 6.150

5197 Wt 6.145

3) 18509
6169
4,3183

5198 Dup 5177

Run in 15% Caustic Soda

Spinning 1/64 Cof. 6.121

5199 Cof 6.049

5200 Cof 6.108

3) 18278
6093
4) 2651

5201 Dup 5177

Run in 13% Caustic Soda

spring 1/64" Wt 6.093

5202 Wt 6.142

5203 Wt 6.053

$$\begin{array}{r} 8 \\ 7\overline{)1828} \\ 6096 \\ 7 \\ \hline 4,2672 \end{array}$$

5204 Dup 5177

Run in 11% Caustic Soda

spring, 1/64"	Wt	6.110
5205	Wt	6.056
5206	Wt	6.046

3) 18212
6071
4,2497

5207 Dup of 5177

Run in 9% Caustic Soda

Spring 1/64" Wt 6.036

5208 Wt 6.084

5209 - Wt 5.815

3)1493 5
5978
7
4,1846

5210 - Dup 5177

Run in 7% Caustic Soda

Spring 1/64" Wt. 6.075

5211 Wt 6.127

5212 Wt 6.031

3) 18233
6078
7
4,2546

84 x 30 Stock

5213 —

2400. .005 Rogers eyelet burr ground off 4 rings 10 nickel flake thro 20

0001 - strips cut 40/1000 wide not thro H.

3½ wt. 24 Reg green - Reg pack

Spring 1/64	wt	6.127
5214	wt	6.001
5215	wt	5.853
5216	wt	6.075
5217	wt	5.759
5218	wt	5.970
5219	wt	5.905
5220	wt	6.078
5221	wt	6.019

5985
7
4.1895

9 | 53.787 (5985
45
7
8.16
6.35

5222 Dup of 5213—

Except 5 Rings—

~~spring~~ 1/64	Wt	5.637
5223	Wt	5.892
5224	Wt	5.773
5225	Wt	6.024
5226	Wt	6.127
5227	Wt	5.997
5228	Wt	6.041
5229	Wt	5.895
5230	Wt	6.092

$$9\overline{)53478}(5942$$

45
84
81
34
36
18

$$\begin{array}{r} 5942 \\ 7 \\ \hline 4,1594 \end{array}$$

5231
2400, 005 Burrs not ground
10 Niflake 0001 not thro H, 3½ lb cot,
4 rings 24 reg green thro 20 fines
in Niflake strips 40/000 wide not
thro H — Reg pack

Spinning 1/64"	Wt	5.997
5232	Wt	5.899
5233	Wt	5.969
5234	Wt	5.875
5235	Wt	5.918
5236	Wt	5.948
5237	Wt	5.931
5238	Wt	5.529
5239	Wt	5.970
		53036

4.123

9 | 5303 | 589
430
82
83

589
7
4.123

5240 —

~~S1 Duplicate for 5231~~

Except 5 Rings on

Spring 1/64"	Wt	6.020
5241	Wt	5.940
5242	Wt	5.932
5243	Wt	5.933
5244	Wt	5.953
5245	Wt	5.998
5246	Wt	5.967
5247	Wt	6.103
5248	Wt	5.895

4.17

597
4.179

9) 53741 (597
45
87
3.18
11
83

5249 -

Stock 26 X 30 005 burs off -
3½ lb wt, 4 Rings. Reg pack.
Ni flake 10 - 0001 not thro H,
green 24 Reg thro 20 fines in -

spring 1/64"	Wt	5.867
5250	Wt	6.145
5251	Wt	6.098
5252	Wt	5.865
5253	Wt	5.745
5254	Wt	6.020
5255	Wt	6.019
5256	Wt	6.125
5257	Wt	6.212

4.20 601 / 4.207

9) 54096 (601
54
5.7468

5258 Dup of 5249

Except 5 Rings

spring 1/64	wt	6.044
5259	wt	5.854
5260	wt	5.813
5261	wt	6.132
5262	wt	6.019
5263	wt	5.784
5264	wt	5.648
5265	wt	6.091
5266	wt	6.077

9) 53462 (594

45
8
18
3

4.15 594
7
4.158

5267

Stock 21 holes across 005 burs off 3½ lb wt 4 Rings reg pack 10 nickel flake 0001 not thro Hydrogen green 24 Reg thro 20 fines in —

Spring 1/32"	Wt	5.833
5268	Wt	6.211
5269	Wt	6.015
5270	Wt	6.096
5271	Wt	6.039
5272	Wt	5.981
5273	Wt	6.007
5274	Wt	5.437
5275	Wt	5.926

4.16 595 / 4.165

9) 53545 (595
45
85
84
44

5276

Dup of 5267

Except 5 Rings

Spring 1/32"	Wt	5.868
5277	Wt	5.865
5278	Wt	5.906
5279	Wt	5.809
5280	Wt	5.586
5281	Wt	5.745
5282	Wt	5.722
5283	Wt	5.745
5284	Wt	5.763

9) 52009

5338

7

66

4.04

5285

Stock - Big punched holes - 005.
10 ni flake 0001 not thro H, 4 Rings
Reg pack 3½ lb wt, 24 Reg green
thro 20 fines in

Spring 1/32	Wt	5.958
5286	Wt	5.882
5287 (cracked ends)	Wt	5.715
5288 (cracked end)	Wt	5.815
5289 (cracked end)	Wt	5.962
5290 (cracked end)	Wt	6.103
5291	Wt	5.968
5292 (cracked ends)	Wt	5.905
5293 cracked ends	Wt	6.068

4.15

9) 53376
5931
4,517

5294 — Dup of 5285 —
Except 5 Rings —

Spring 1/32 (Cracked ends)	Wt	6.214
5295 Cracked end	Wt	6.358
5296 (Cracked ends)	Wt	6.418
5297 Cracked end	Wt	6.512
5298	Wt	6.515
5299 Cracked end	Wt	6.354
5300	Wt	6.227
5301 Cracked end	Wt	6.520
5302	Wt	6.416

9) 57534
6392
7
4,4744

5303

Stock 2400, 005 burs ground
4 Rings Spiral one turn
3½ wt Nickel flake 0001 not
thro H, Reg pack 24 green
thro 20 fines in –

Spring slightly	Wt	6.559
5304	Wt	6.388
5305	Wt	6.349
5306	Wt	6.419
5307	Wt	6.254
5308	Wt	6.529
5309	Wt	6.454
5310	Wt	6.519
5311	Wt	6.501

4.50

9) 57972
6441 6
7 3
45087 3

5312 Dup of 5303

Except 26 X 30 Spiral one
complete Turn –

slightly Spring	Wt	6.512
5313	Wt	6.433
5314	Wt	6.449
5315	Wt	6.493
5316	Wt	6.407
5317	Wt	6.502
5318	Wt	6.293
5319	Wt	6.482
5320	Wt	6.437

9) 58 0 0 8
6 4 4 5
7
4.5 1 1 5 3
4
4

4.511

5321

21 Hole stock 005 - ni flake not
Hero H, 10 flake 24 reg green
reg pack -

10 Grammar Chloride Potassium
Each cell -

Spring 1/32 Wt 6.125

5322 Wt 6.049

5323 Wt 6.045

3 | 18219
6073
4,2511

5324 —

Dup of 5321

Except punched hole

Stock —

10 grms Chloride Potassium

Each cell —

Spring 1/32" Wt 6.165

5325 — Wt 6.039

5326 — Wt 6.135

3) 18339
6413
7
4,2791

5327

~~[illegible]~~ Punched hole stock
Spiral tube one full turn.
Reg Ni flake 000 not thro H
24 reg green Reg pack.

10 Grammes Chloride Palaeum
in Each CCCC —

Spring 1/32 Wt 6.505

5328 Wt 6.571

5329 Wt 6.439

3) 19515
6505
7
4.5535

4.55

5329½

Punch hole stock
Spiral one complete
turn. Reg ni flake 0001
not/thro hydrogen Reg pack
10 ni 24 Reg green Run in Reg 21%

Spring 1/64"	WT	6.402
5330	WT	6.617
5331	WT	6.532
5332	WT	6.658
5333	WT	6.533
5334	WT	6.267
5335	WT	6.583
5336	WT	6.498
5337	WT	6.689

9)58779
6531
7
4.5717 4
4
4

4.57

5338 —

Dup of 5329 1/2

Except run in ≈ 33% —

wt

5339 wt

5340 wt

5341

Dup of 5329½

Except the nickel flake is

Cut in strips. 60/1000 wide

not thru it — Thru 20 mesh if it goes

thru if not next larger size mesh

Spinning 1/32 Wt 6.459

5342 Wt 6.253

5343 Wt 6.464

Used 16 mesh screen.

5344 —

21 Hole stock — 005 [illegible]

Ni flake 0001 Cut in strips
60/1000 wide — not thro

H — Spiral

Reg pk 21%

Spring 1/64 cracked end Wt 6.287

5345 Wt 6.269

5346 — Wt 6.371

Used 16 mesh screen.

5347 —

21 Hole stock SPIRAL 005
one complete turn —
3½ 10 m flake 0001 not Hydrogen
21% 10 of 24 Reg green Reg pack

slightly Spring.	Wt	6.367
5348	Wt	6.348
5349	Wt	6384
5350	Wt	6.331
5351	Wt	6.433
5352	Wt	6.213
5353	Wt	6.329
5354	Wt	6.467
5355	Wt	6.339

9) 57211
6356 5
7
4.4492 4
3

4.44

5356 –

21 Holz stock 005. 10 nickel flake 0001 not thru Hydrogen. 3½ lb wt reg pack – 5 rings

Run in 33% KOH.

Sprung 1/32	Wt	6.037
5357 cracked end	Wt	6.072
5358	Wt	6.159

3) 18268
6089
7
4,2623

4.26

5359

Dup of 5356 -

Except run in 31% KOH —

Spring 1/32	Wt	6.133
5360 cracked end.	Wt	6.109
5361	Wt	6.009

3) 18251
6083
4.25 87

4.25

5362

Dup of 5356 -

Except run in 29% KOH.

spring 1/32	Wt	6.240
5363	Wt	6.227
5364	Wt	5.996

3) 18463
6154
7
43078

4.30

5365 Dup of 5356

Except run in 27% KOH.

Spring 1/32"	Wt	6.114
5366	Wt	6.175
5367	Wt	6.210

3) 18499
6166
4.3162

4.31

5368

Dup of 5356

Exceptrun in 25% KOH.

spring 1/32"	Wt	6,163
5369	Wt	6.307
5370	Wt	6133

$$\begin{array}{r} 7\overline{)18603} \\ 6201 \\ \hline 7 \\ 4.3407 \end{array}$$

4.34

5371 - Dup of 5356

Except run in 23% KOH.

	Wt	6.044
Spring 1/32		
5372	Wt	6.271
5373	Wt	6.220

3) 18535
6178
7
4,3246

4.32

5374 Dup of 5356

Except run in 21% KOH.

Spring 1/32	Wt	6.224
5375	Wt	6.239
5376	Wt	6.315

3 | 18778
6259
4,3813

4.38

5377 – Dup of 5356.

Exceptrun in 19% KOH.

Spring 1/32	Wt	6.203
5378	Wt	6.151
5379	Wt	6.047

3) 18401
6134
7
4.2938

4.29

5380 - Dup of 5356

Except run in 17% KOH.

Spring 1/32

	Wt	6.061
5381	Wt	6.147
5382	Wt	6.092

3 | 18.300
6.100
4.270

4.27

5383 -

Dup of 5356

Except run in 15% KOH.

spring 1/32

	Wt	6.133
5384	Wt	6.099
5385	Wt	5.950

3 | 18182
6061
7
4.2427

4.24

5386

Dup of 5356

Exceptrun in 13% KOH,

spring 1/32

	Wt	6.157
5387	Wt	6.207
5388	Wt	5.794

3) 18158
6053
7
4.2371

4.23

5389 Dup of 5356.

Except run in 11% KOH.

spring 1/32"

	Wt	6.092
5390	Wt	6.200
5391	Wt	6.171

3 | 18463
6154
2
43078

4.30

5392 Dup of 5356

Except run in 9% KOH.

sprung 1/32"

	Wt	6.003
5393	Wt	6.174
5394	Wt	5.899

3)18076
6025
9
4.2175

4.21

5395

Dup of 5356

Exceptrum in 7% KOH

sprung 1/32"

	Wt	5.799
5396	Wt	6.112
5397	Wt	6.151

3) 18062
6020
7
4.2140

4.21

5398.

21 Holz. stock Niflake 0001 not thro H.
Reg pack 10 of 24 Reg green 005 3½ lb wt
21% — 4 Rings —
To be run 5 times on board cold
by Hooper & then given to Holland
to make Capacity & economy
tests,

spring 1/32	Wt	6.167
5399	Wt	6.245
5400	Wt	6.115

3) 18527
6176
7
4.3232

5401 Dup of 5398

Except 21 Hole stock spiral
4 Rings —

given to Hooper to run 5 times
Cold & then to Holland for
Economy & Capacity tests

Spring 1/64 Lot 6.345

5402 Lot 6.277

5403 Lot 6.342

3) 18964
6321
7
4.4247

4.42

5404-

26 X 30 Stock 005 - Mflake 0001
not thro H, 1 of 24 Reg green Reg pack
21% — 4 Rings —
To be run by Hooper on board
5 times & then given to Holland
for economy & Capacity tests

Spring 1/32 Wt 6.145

5405 Wt 6.101

5406 Wt 6.042

3 | 18288
6096
7
4.2672

4.26

5407 Dup of 5404

Except spiral

5 Runs by Hooper then

given to Halland

Spring 1/64 Wt 6.452

5408 Wt 6.421

5409 Wt 6.375

$$\begin{array}{r} 6.375 \\ 3\overline{)19248} \\ 6416 \\ 7 \\ \hline 4.4912 \end{array}$$

4.49

5410 —

Punched hole stock 005
Nflake 10 0001 not Wrot H.
Reg pack 24 Reg flake
21% 4 rings

Hooper to run cold 5 times
& then give to Holland for
Economy & Capacity tests

spring 1/32	cracked end	Wt	6.391
5411	Cracked end	Wt	6.314
5412	Cracked end	Wt	6.306

3) 19011
6337
7
4.4359

4.43

5413 Dup of 5410 –

Except tubes spiral –

Give to Hooper to run 5 Cold
& then to Holland –

spring 1/32 cracked end Wt 6.451

5414 Wt 6.566

5415 Wt 6.352

$$\begin{array}{r} 3\overline{)19369} \\ 6456 \\ \hline 4.5192 \end{array}$$

4.51

5416

Old 2400 stock 005 -
10 Unflake 0001 not thro H.
24 green Reg pack 21% 4 rings

Hooper for 5 tests Cold
then give to Holland for
Economy tests

Sparring 1/32 Lot 6.089

5417 Lot 6.147

5418 Lot 6.223

3) 18379
6126
7
4.2882

4.28

5419 Dup of 5416

Except Spiral —

Hooper torn & Cold then
give to Hallard for
Economy tests —

Slightly Sprung.	Wt	6.338
5420	Wt	6.422
5421	Wt	6.447

3 | 19207
6402
7
4.4814

4.48

5429/-

21 Hole stock 005 Spiral tubs
10 ni flake 0001 24 green Reg pack
3½ - 4 Rings
Top end not fastened so can expand
Run in 21% Containing 10 grams
Chloride of Potassium

Slightly Sprung Wt 5.763

5423 Wt 5.934

5424 Wt 5940

3) 17637
5879
7
4.1153

4.11

5425

Dup of 5422 except.
26 x 30 attach 005 SPIRAL
not fastened top end

10 g Pot Chloride each cell

slightly strong Wt 6.006

5426 Wt 5.962

5427 Wt 5.869

3 | 17.837
5.946
4.962

4.16

5428_

21 Hole stock 005 10 m flake 0001
24 Reg green reg pack –

Spiral tube – 4 Rings

To be run in 33% KOH.

sprung slightly wt 6.062

5429 wt 5.981

5430 wt 5.899

$$3\overline{)17942}$$
$$5981$$
$$4.1867$$

4.18

5431 -

Dup of 5428 Except
punched hole stock
Spiral —
Run in 33% KOH.

spring 1/64	lot	5.957
5432	lot	6.097
5433	lot	5.977

3) 18031
6001
7
4.2007

4.20

5434 - Dup of 5428

Except. 26 X 30 stock 005 tube.
Spiral — Run in 33% —

Sprung slightly Wt 6.000

5435 Wt 6.099

5436 Wt 5.930

3 | 18.029
6.009
7.
4.2063

4.20

5437 Dup of 5428

Except. 30 X 34 005 stock

Spiral run in 33%

Sprung slightly Wt 5.995

5438 Wt 5.774

5439 Wt 5.447

3) 17216
5739
7
4.0173

4.01

5440
21 Hole 0035 - burs ground
Eylet. Dont nick it in eyleting
10 Ni flake 24 Reg green
Reg pack 4 rings 21 o/o

SPIRAL Tube

Slightly Sprung
5

Wt 6.620

5441 Wt 6.698

5442 Wt 6.490

3)19808
6.603
7
4.6421

4.64

5443 —

Ra 707 Spiral tube

Not washed Not filtered dried

"Low heat" 21 Hole stock 005

4 Rings 10 Ni flake 24 green. thro 20 mesh

Look out & adjust green on packing

Machine, Reg pack 21%

slightly sprung. wt 7.228

5444 wt 7.319

5445 wt 7.333

3 | 21880
7293
7
5.1051

5.10

5446 Dup of 5443
but use 24 X 30, SPIRAL —

slightly spring cut 7.284

5447 cut 7.344

5448 cut 7.316

3 | 21944
7315
51203

5.12

5449 =

RA-707 n.(OH)

~~Not~~ Half Wash Filtered

Dried High heat, Screen Thro 20 mesh

26X30.005 Spiral Req pack 10 nif0001

24 grsm.

slightly Sprung. Wt 8.033

5450 Wt 7.924

5451 Wt 7.911

3 | 23868

7956

7

5.5692

5.56

5452 Dup of 5449

Except 21 Hole 005 Slack

Spiral –

Wt 7.990

Spring slightly

5453 Wt 7.942

5454 Wt 7.904

3) 23836
7945
7
5.5615

5.56

7904
85
39520
3 2
632
6.7184

5455 RA 707 1/2 wash not filtered Dried low heat,
21 Hole 005 SPIRAL — 4 rings
10 m flake 0001 24 green Thro 20
Reg pack —

slightly Sprung. Cof 7.215

5456 Cof 7.173

5457 Cof 7.252

3 | 21640
7213
7
5,0491

5.04

5458 Dup of 5455

Except use 26 X 30 005

Spiral

Slightly spring. Wt 7.310

5459 Wt 7.292

5460 Wt 7.317

3 | 21919
7306
7
5.114 2

5.11

5461 - Ra 707

1/2 wash not filtered Dried
High heat.
21 Hole 005 SPIRAL. 10 mfl 0001 24
green thro 20 - 4 rump Reg pack.

Sprung Slightly. Wt 7.472

5462 Wt 7.367

5463 Wt 7.408

3) 22247
7416
7
5.1912

5.19

5464 Dup of 5461-

Except 26 X 30- SPIRAL

5/1000

springs slightly Wt 7.225

5465 Wt 7.300

5466 - Wt 7.365

3 | 21890
7297
7
51079

5.10

5467 RA 707 -

Regular wash filtered
Dried low heat, SPIRAL Tube
21 Hole stack 005 · 10 mf 0001 24 green
Hero 20. Reg pack · 4 Rings —

slightly Spring Wt 6.448

5468 Wt 6.376

5469 Wt 6.324

3 | 19148
6383
7
4.4681

4.46

5470 Dup 5467

Except 26 X 30 SPIRAL

5/1000

slightly Spring. Wt 6.286

5471 Wt 6.288

5472 Wt 6.367

$$\begin{array}{r} 3\overline{)18941} \\ 6314 \\ \hline 44198 \end{array}$$

4.41

5473 RA 707

Reg number of coashers
Not filtered, Dried High heat.
21 Hole 005 Spiral — 10 mf 0001
24 green thro 20 — Reg pack 4 rings

slightly Sprung Wt 6.224

5474 Wt 6.246

5475 Wt 6.287

3 | 18757
6252
7
4,3764

4.37

5476 Dup of 5473

Except 26 x 30 005 SPIRAL

slightly Sprung Wt 6.366

5477 Wt 6.305

5478 Wt 6.342

$$\begin{array}{r} 3\overline{)19013} \\ 6338 \\ 7 \\ \hline 4.4366 \end{array}$$

4.43

5479 RA 707

Reg number of washes filtered
Dried High heat,

21 Hale 005 SPIRAL 10 Mf 0001
24 green through 20 Reg pack 4 rings

Slightly Sprung. Wt 6.289

5480 Wt 6.277

5481 Wt 6.296

$$\begin{array}{r} 6.296 \\ 3\overline{)18862} \\ 6287 \\ 7 \\ \hline 4.4009 \end{array}$$

4.40

5482 Dup of 5479
Except 26 X 30 spiral -
5/1000

Sprung Slightly Wt 6.377

5483 Wt 6.350

5484 Wt 6.447

3) 19174
6391
7
4.4737

4.47

5485 RA 707

Regular number of cowaches

Not filtered Dried low heat,

21 Hole 005 SPIRAL -

10 mf 0001 24 green through 20

Reg pack 4 rings

slightly Sprung Wt 6.160

5486 Wt 6.331

5487 Wt 6.177

3) 18368
6123
7
4.2861

4.28

5488 Dup of 5485

Except 26 x 30 Spiral 005

Slightly Sprung ~~Wt~~ ~~Crackoff end~~ 6.359

5489 Wt 6.412

5490 Wt 6.454

3 | 19225
6408
7
4.4856

4.48

5491 Spiral tube

put about oz of green under
bell jar with water & sponge
wet with water –
Let it stay 5 or 6 hours –
21 Hole stock 005 10 mf 0001
Reg pack –

Slightly Sprung. Wt 6.767

5492 Wt 6.563

5493 Wt 6.626

3) 19956
6652
7
4.6562

4.65

5494 Dup of 5491

Except one oz laid on piece paper & put on hot plate for 3 hours —

Slightly Spring Wt 5.987

5495 Wt 5.936

5496 Wt 5.927

3) 17850
5950
4.1650

4.16

5497 RA 707

No wash - not filtered Dried high heat.

21 Hole 005, 10 mf 0001, 24 grain
Reqpk 4 rings - SPIRAL

Slightly Sprung	Wt	7.683
5498	Wt	7.573
5499	Wt	7.570

Would not drop very regularly from slide unless tapped NiOH

3/22826
7609
7
5.3263

S500 Dup of 5497

Except 26 X 30 005 stock SPIRAL

slightly sprung.	Wt	7.764
S501	Wt	7.733
S502	Wt	7.762

$3\overline{)23.259}$
7753

Would not drop from slide very regularly unless tapped hi (OH)2

7753
7
5,4271

5503. Dup of 5497.

Except 21 Hole stock 0035
SPIRAL –

Slightly Sprung. Wt 7.817

5504 Wt 7.979

5505 Wt 7.824

3)23620
7873

MiOH2 would not drop from slide very regularly unless tapped.

7873
7
5,5111

5506. Dup of 5497

Except 26X30, 0035 stock. Spiral

Slightly Sprung Wt 7.921

5507 Wt 7.937

5508. Wt 7.980

$$\begin{array}{r} 7.980 \\ 3\overline{)23838} \\ 7946 \end{array}$$

Mic(OH)2 would not drop from slide very regularly unless tapped.

$$\begin{array}{r} 7946 \\ 7 \\ \hline 5.5622 \end{array}$$

5509 RA 707 No wash dried low heat
Filtered –
21 Hole 005. SPIRAL.
10 mf 0001 24 green. 4 rings Reg
pack.

slightly Sprung.	COf	7.906
5510	COf	7.822
5511	COf	7.836

Ni (OH)2 very heavy

3)23564
7855
7
54985

5512. Dup of 5509

Except 21 Hol. 0035.

Slightly Sprung. Wt 8.041

5513 Wt 7.977

5514 Wt 8.026

$Ni(OH)_2$ very heavy.

$$\begin{array}{r} 3\overline{)24044} \\ 8015 \\ 4 \\ \hline 5.6105 \end{array}$$

$$\begin{array}{r} 8015 \\ 2260 \\ \hline 5.755 \end{array}$$

$$\begin{array}{r} 8015 \\ 75 \\ \hline 40075 \\ 56105 \\ \hline 6.01 \end{array}$$

5515 Dup of 5509

Except 26 X 30. 0035. Stock
SPIRAL

Slightly Sprung	Wt	8.004
5516	Wt	8.027
5517	Wt	8.026

Mill Hk very heavy

3) 24057
8019
7
5.6133

5518. Dup of 5509

Except 26 X 30 005 Spiral

slightly Sprung.	Wt	7.789
5519	Wt	7.868
5520	Wt	7.846

Ni(OH)2 very heavy.

3)23503
7834
7
5.4838

5521 707 RA -
Not washed - filtered - dried high heat

21 Hole SPIRAL 10 mf 0001 -
005 stock — Req pack 4 Rings

Sprung Slightly	Wt	8.350
5522	Wt	8.308
5523	Wt	8.370

Ni(OH)2 very heavy.

3)25028
8343
7
5.8401

5524 Dup of 5521

Except 21 Hole 0035.
SPIRAL

slightly Spring	Wt	8.526
5525	Wt	8.483
5526	Wt	8.512

Mi(OH)2 very heavy

3) 25521
8507
7
5.9549

5527 Dup of 5521
Except 26 X 30 005.
SPIRAL

Sprung Slightly Cof 8.222
5528 Cof 8.158

5529 Cof 8.353
Ni(OH)2 very heavy. 3)24733
8244
7
5.7708

There are 2 bottles of this - marked part 1st part 2

5530 RA 707

1/2 wash, filtered, Dried low heat.

21 Hole stock 005 SPIRAL
10 n.f. 0001 24 green, Reg pack
4 rings —

Slightly Sprung. Wt 7.432

5531 Wt 7.500

5532 Wt 7.544
Used bottle part 1

3)22476
7492
7
52444

5533

Dup of 5530 Except
21 Hole 0035 SPIRAL

Slightly Spring. Wt 7.655

5534 Wt 7.598

5535 Wt 7.695

Used bottle part 1

3) 22948
7649
7
5,3543

5536 Dup of 5530

Except 26 X 30 005
SPIRAL Flake #62 on 38 only

Slightly Sprung. Wt 7.579

5537 Wt 7.510

5538 Flake #62. Wt 7.517
Used bottle part 1.

3 | 22606
7535
5,2745

5539. Dup of 5530

Except 26 X 30 .0035

Flake #62

Slightly Sprung. Wt 7.565

5540 Wt 7.566

5541 Wt 7.567

used bottle part 1

3)22698
7566
7
57962

5542 Dup 5530

Except 30 X 34 005

SPIRAL Flabe #62

Sprung Slightly Wt 7.372

5543 Wt 7.374

5544 — Wt 7.302

Used bottle part,

3) 22048
7346
7
5.1422

5545 —

21 Hole 0035 SPIRAL
10 mf 0001 24 green Reg pack
Flake #62
Run in 33% KOH.

Slightly Sprung. LCF 6.750

5546 LCF 6.711

5547 LCF 6.717

3 | 20278
6759
7
4.7313

5548 Dup of 5545

Except 26 X 30 0035

SPIRAL Run 33% Flake #62

Slightly Sprung Wt 6.549

5549 Wt 6.798

5550 Wt 6.772

3) 20119

6706

7

4.6942

5551 Dup of 5449 - Flakes # 62

Except run in 33% KOH,

Slightly Sprung	Wt	8.442
5552	Wt	8.183
5553	Wt	8.238

$$3\overline{)24863}$$
$$8288$$
$$5.8016$$

5554 - Dup of 5452

Run in 33% KOH, Ⓢ lake #63

Slightly Sprung	Wt	8.295
5555	Wt	8.371
5556	Wt	8.424

3 | 25090
8363
7
5.8541

5557-

21 Hole 0035 Spiral

Reg pack Ng 10 grain 24 – Flake #62

Run in 10 grain Palaeozoic

Chloride Each cell. 4 rings

Slightly Sprung Wt 6.620

5558 Wt 6.730

5559 Wt 6.768

$$3\overline{)20118}$$
$$6706$$
$$7$$
$$4.694^{2}$$

5560.

26X30 0035 Spiral-
Regpack 10 Ni 24 Flake #62
Run in 21 with 10 grammes
Chloride Palladium 4 Rung

Slightly Sprung. Wt 6.727

5561 Wt 6.697

5562 Wt 6.755

3 | 20179
6726
7
4.7082

5563

21 Hole 005 SPIRAL

Req pack 10 Mi 0001 24 green Flake #62

5 Rings Run in 33% KOH

Slightly Sprung. Wt 6.434

5564 Wt 6.655

5565 Wt 6.691

3) 19780

6593

7

4.6151

5566-

Dup of 5563

Except 21 Hole 0055 Flake #62

Run in 33% — 5 Rings

Spring Slightly Wt 6.604

5567 Wt 6.377

5568 Wt 6.783

3)19764

6588

4.6116

5569

26X30 Spiral 0035 Flake #62
Reg pack 10 nif 0001 24 green
5 Rings – Run in 33% KOH,

Slightly Sprung. Wt 6.671

5570 Wt 6.730

5571 Wt 6785

3 | 20.186
6729
7
4.7103

5572 Dup of 5569

Except 26x30 005 Spiral.

5 Rings Run in 33% KOH.

Flaked #62

slightly Spinning. Wt 6.693

5573 Wt 6.593

5574 Wt 6633

3 | 19919

6640

7

4.648

5575

R9707 - Same green used in 5449
1/2 wash, filtered, dried high heat,
21 Hole stock 005 = 5 Rings spiral
Run in 33% KOH, Flake #63
Reg pack

Slightly Sprung Wt 8.260

5576 Wt 8.317

5577 Wt 8.431

3)25008
8336
7
5.8352

5578 Dup of 5575

RA - 1/2 wash filled dried
high heat same green as used in
5449 — Flake #63

21 Holestock 0035

Spiral = Reg pack 5 Rings
Run in 33% KOH.

Slightly Sprung Wt 8.468

5579 Wt 8.586

5580 Wt 8.502

3) 25556
8519
7
5.9633

5581

Use same green RA 707 as used in 5449 Flake #63

26 X 30 - 0035 5 Rings -

Spiral - Req pack 10 ni 0001, 24 gram

Run in 33% KOH.

Slightly Sprung Wt 8.521

5581 1/2 Wt 8.331

5582 Wt .8574

3 | 25429
8476
7
5.9332

5583

Dup 5581 Flake #63

Except 26X30 005 Stock
Spiral run 33% NOH 5 Rings

Slightly Sprung Wt 8.363

5584 Wt 8.571

2 | 16934
8467
7
5.9269

5585 Wt

Have not enough green to make the third one.

5586.

RA 707 use same as used in 5443 green Flake #63
not wash – not filtered – dried low heat.
26 X 30. 005 Spiral –
Regpack No 10 0001 24 green 4 Rings
thro 20 Run 21% –
After 5 Runs on board give to
Holland for Capacity & Economy
tests. After Holland has made
tests they are to be given Hooper for 50
Hot runs & then run on board
& returned to Holland for
further tests. Wt 7.583
Slightly Sprung
5587 Wt 7.418

5588 Wt 7.554

3) 22555
7518
7
5.2626

5589 -

Dup of 5586 Flake #63
Except 21 Hole 005 Spiral
Spiral —

goes to Holland after 5 runs

Slightly Sprung. Wt 7.345

5590 Wt 7.354

5591 Wt 7.474

3)2217 3
7391
7
5.1737

5592 P.S. Sample used up.

Ra 707 - same stuff as used in 5449 — ½ washes filtered, dried high heat

26X30 — 005 — Reg pk No 10 0001

24 green lines 20 — 4 rings run in

21% after 5 Run gives to Holland

Spiral

after Holland makes test they get Happenfor 50 hot runs & returned to Holland for further test. 5593 Wf

5594 — no Ni(OH)2 left Wf

5595 P.S. Sample used up.

Dup of 5592

Except 21 Hole 005 spiral

to Holland after 5 Rain

Wt

5596 Wt

5597 No hi Wtk left. Wt

5598

Flake # 62

Ra 707 - 1/2 wash not filtered.
dried low heat, same as 5455
26X30 005 Spiral 10 ni 0001 24 grams
4 rings reg pack - run - 21%
5 times + 60 and then given to Holland
for ~~test~~ Then taken by Hooper for
50 Hat runs + then returned to
Holland for further tests,

Slightly Sprung. WF 7.828

5599 WF 7.572

5600 WF 7.648

3) 23048
7683
7
5.3781

5601 Dup of 5596 Flake #63

Except 21 Halo 005 = 4 rings.

to Holland & Hooper as described

Slightly Sprung Wt 7.688

5602 Wt 7.809

5603 Wt 7.810

3)23307

7769

5,4383

5604

RA 707 – Same as used in 5461 (5 lake #63)

Except 1/2 wash – not filtered – dried high heat.

26 X 30 005 10 mf 0001 – 24 gram

Reg pack – 4 Rings – Spiral –

Run 21% – Run 5 times & give to Holland – after testing Hooper will take them from Holland & run 50 Hot runs & return to Holland after running 5 runs on board.

Sprung Slightly Wt 7.399

5605 Wt 7.579

5606 Ni(OH)2 all gone Wt 7.4978

7489

7

5.2423

5606 1/2 Dup 5604 Flake #63

Except 21 Hole 005 Spiral

slightly Sprung. Wt 7.275

5,092 7/5

5607 Ni O 1 1/2 Wt

5608 all used Wt

5609 —

Flake #63

RA 707 Reg wash filtered dried low heat — same stuff as used in 5467 — 26 X 30 005 10 mf 0001 24 Green Spiral — 4 rings — Reg pack 21% after 5 Runs gave to Holland for test then to Hooper for 50 Hot runs & 5 runs on board then to Holland for further tests

Slightly Sprung LOF 6.914

5610 LOF 6.912

5611 LOF 6.626

3) 20452
6817
7
4.7719

5612 Dup of 5609 Flake #63
Except 21 Hole 005

Slightly Sprung Wt 6.741

5613 Wt 6.619

5614 Wt 6.615

3) 19975
6658
7
4.6606

5615

Flake #63

RA 707 Sauce stuff as used in 5473 — Reg number washes - not filtered dried high heat

26 X 30 - 005 spiral, 4 rings

10 M f 0001 24 yrs in —

Reg pock - 21% 5 Runs then given to Halland, after test Hooper gives it 50 Hot runs & returns it to Halland after 5 runs in board

Spring Slightly COF 6.704

5616 COF 6.547

5617 COF 6.587

3) 19738

6579

.7

46053

5618

Flake #63

RA 707 same as used in
5479 — 26 X 30 005 spiral.
Reg pack - 21%
5 Runs then go to Holland
who tests & returns to Hooper
for 50 Hat runs, & 5 on board &
then given to Holland —

Slightly Sprung Wf 6.676

5619 Wf 6.905

5620 Wf 6.212

3) 19793
6598
9
4.6186

5621 -

Flake 63

RA 707 same as used in
5485 — 26X30 005 Spiral -
4 Rings Reg pack -
21% — 5 Runs + gave to
Holland, then 50 Hot runs +
5 on board + return to Holland

Slightly Sprung Wt 6.559

5622 Wt 6.659

5623 Wt 6.650

3)19868
6623
7
4.6361

5624

Flake #63

RA 707 Same as used in

5497 – 26 X 30 005 Spiral

Reg pack – 21%

5 Runs on board & given to Halland & then to Hooper for 50 hot & 5 cold runs & then to Halland —

Slightly Sprung WF 7.888

5625 WF 8.027

5626 WF 8.045

Would not drop regularly from slide unless tapped.

3 | 23960
7987
7
5.5909

5627

21 Hole stock 005 One & one half Turns of Spiral - 4 rings
Reg pack 10 mf 0001 24 green
21% - F lake # 62

Not Sprung Wt 6.646

5628 Wt 6.727

5629 Wt 6.708

3) 20081
6694
4.6858

5630

21 Hole stock 005 One + one half
Turns of Spiral, 5 Rings
10 m f 0001 24 green -
Reg pack 21% — Flake #62

not Spring. Wt 6.471

5631 Wt 6.830

5632 Wt 6.754

$$\begin{array}{r} 20055 \\ 6685 \\ \times 3 \\ \hline 4.6795 \end{array}$$

5633

Dup of 5630

Except 21 Hole 0035

Flake #62

4 Rings -

not spring

Wt 6.761

5634

Wt 6.786

5635

Wt 6.930

$$3\overline{)20477}$$

6826

7

4.7782

5636

21 Hole .005 One + one half Turn
to Spiral, Reg pack 5 Rings
10 Mf 0001 24 Reg green

Run in 33% KOH - Flake #63

Not Sprung. Wt 6.974

5637 Wt 6.668

5638 Wt 6.362

3 | 20004
6668
4,667 6

5639

Dup of 5636 $1\frac{1}{2}$ turn Spiral
4 Rings —
Except run in 21% Containing
10 grammes Potassium Chloride
in each cell — Blake #63

not Sprung. Wt 6.914

5640 Wt 6.707

5641 Wt 6.524

3 | 20145
6715
4.7005

5642

Flake #64

21 Hole 005 — Spiral 1½ turns

20 nickel flake 48 green

You may have to change feed plates — Reg ni 21%

4 Rings Reg pack —

Not Spring Wt 6.574

5643 Wt 6.410

5644 Wt 6.294

3) 19278

6426

7

4,4982

5645 Flake #64

21 Hole 005 Spiral 1 1/2 Turns

30 Nickel flake 0001 - 72 green

Reg — 4 Rings 21%

Not Sprung Wt 5.586

5646 Wt 5.561

5647 Wt 5.754

3 | 16901
5630
7
4,001

5648 Flake #64

21 Hokistock 005 Spiral 1½ turns

40 nickel flake 96 Reg green

4 Rings Reg sack 21%

not Spring. Cracked end LOf 5.518

5649 Cracked end LOf 5.617

5650 LOf 5.568

3)16703
5567
7
38969

5651=

Flake #63

21 Hole 005. Mf 10 green 24 - 0001
4 rings 3½ weight - SPIRAL 1½ Turns

Use same amount of Hard rubber shavings - Light bulky shavings as was used in 2085 for each Cell. -

Mot Spring Wt 6.191.

5652 Wt 6.760

5653. Wt 6.771

3) 19722
6574
7
4.6028

5654 Dup of 5651 Flake #63
1/2 Spiral 21.005
Except instead of rubber put in 100 Milligrammes of flowers of Sulphur - Each Cell

Not Sprung Wt 6.812

5655 Wt 6.817

5656 - Wt 6.535

3) 20164
6721
9
4.7047

5657 Flake #63

21 Hole 005 1½ Turn Spiral-
10 M flake 0001- 24 Reg green
4 Rings- 4 lb wzight

Not Sprung. Wt 6.876

5658 Wt 6.948

5659 Wt 6.935

3)20759
6919
4.6433

5660 {Flake #63} 1 1/2 Spiral 21 005

Dup of 5657 Except 4 1/2

lb weight,

Not Sprung. Wt 7.005

5661 Wt 7.104

5662 Wt 7.115

3) 21224

7075

3

4.9525

5663

Dup of 5657 $1\frac{1}{2}$ Spring 21 005

Flake # 63

Except 5 lb Weight

Not Sprung Wt 7.141

5664 Wt 7.234

5665 Wt 7.115

$$3\overline{)21490}$$
$$7163$$
$$7$$
$$5.0141$$

5666

Flake #64

21 Hole stock 005. 1 1/2 turn spiral-

20 Nickel flake 0001 48 green

4 pound weight - 4 Rings

Not Sprung Wt 6.383

5667 Wt 5.976

5668 Wt 6.468

3) 18827
6276
7
4.3932

5669- Dup of 5666- 1½ spiral - 21 005-

Except 4½ lb weight

Flake #64

Not Sprung. Wt 6.706

5670 Wt 6.713

5671 Wt 6.706

3 | 20125
6708
7
4.6956

5672

Dup of 5666 F lake #64

Except 5 lb weight,

Not Sprung	Wt	6.646
5673	Wt	6.733
5674	Wt	6.528

3) 19907

6635

7

4,6445

5675 Flake #64

21 Hole stock 005 1 1/2 turn spiral.
4 Rings — 30 m flake 0001
72 green Reg - 4 pound weight

Not Sprung. Wt 5.687
5676 Wt 5.896
5677 Wt 5.775

3) 17.358
5786
7
4,0502

5678 Flake #64
Dup of 5675
Except $4\frac{1}{2}$ lb weight

Not Sprung. Wt 5.871

5679 Wt 5.910

5680 Wt 5.920

$$3\overline{)17.701}$$
$$5900$$
$$7$$
$$4.\overline{1300}$$

5681 Dup of 5675
Except 5 lb weight
Flake #64

not Spruing. Wt 6.038

5682. Wt 6.017

5683 Wt 6.038

3) 18093
6031
7
4.2217

5684 - Flake #64

21 Hole stock 005 1½ turn spiral -
4 Rings - 40 Niflake 0001 -
96 Reg green 4 lb weight
Not Sprung.
Cracked end Wt 5.598

5685 Cracked end Wt 5.778

5686 Wt 5.619

3) 16995
5665
7
3.9655

5687 Dup of 5684

Except $4\frac{1}{2}$ lb wt

Flake #64

not Spring Cracked end wt 5.911

5688 wt 5.695

5689 wt 5.780

$$3\overline{)17386}$$
$$5795$$
$$7$$
$$4.5565$$

5690 Dup of 5684 Flake #64
Except 5 lb Weight

Not Spring. Cracked end Wt 5.979

5691 Cracked end. Wt 5.811

5692 Wt 5.934

$$\begin{array}{r} 3\overline{)17.724} \\ 5908 \\ 7 \\ \hline 4.1356 \end{array}$$

5693

Flake # 64.

21 Hole 005 1½ Turn Spiral –
4 Rings – 20 Ni flake 0001
48 Green RA 707 Same as used in 5455 – ½ wash – not filtered
Dried low heat.

4 lb weight

Not Spring Wt 7.497

5694 Wt 7.578

5695 Wt 7.321

3) 22396
7465
7
5.2255

5696 Dup of 5693 Flake #64

Except $4\frac{1}{2}$ lb Wt

Not Spring Wt 7.590

5697 Wt 7.619

5698 Wt 7.588

$$3\overline{)22797}$$

7599

7

5.3193

5699 Dup of 5693 Flake#64
Except 5 lb weight

not Sprung. Wt 7.717
5700 Wt 7.622
5701 Wt 7.601

3) 22940
7650
7
5,3550

5702 Otherbook

One hundred Tubes

10 Niflake 24 Reg green

3½ lb weight. One & half turn Spiral Tubes, 21 Hole 005

4 Rings —

These tubes are for Holland to put up with test irons for determining Economy Etc —

Need not weigh them —

5703 - Other book

21 Hole 005 1½ Spiral.
4 Rings 10 mflake 24 Reg green
4 lb weight.
Single tamps have John Ott
fix machine so it feeds at
each tamp,

Wt

5704 Wt

5705 Wt

5706 Other book

Dupaf 5703

Single tampo but

20 nickel flake 48

Reg green - 4 lb weight

Wt

5707 Wt

5708 Wt

5709 Other book

Dup of 5703

but 40 Leake 96

Reg green 5 lb cut

Single Tamps —

Now changed machine back

to Double Tamps

cut

5710 cut

5711 — cut

The End of
this Book
Clement Cook
July 23 1907

Notebook, N-07-02-23.2

Feby 23 1907

5702. #64 flake.
Batch # 551 Ni(OH)2
One hundred tubes
10 Ni flake 0001. 24 Reg green
3½ lb cot. 1½ Turn Spiral 4 Rings
21 Hole 005.

These tubes are for Holland to put up 2 in a grid to 62 used for testing irons –

Average sample of ten tubes taken for weight

Ten tubes filled 91.360
" " not " 20.922
10 | 70.438 | 7.043

5703 4 Minutes to load tube

Flake #64

21 Hole 005 $1\frac{1}{2}$ spiral 4 Rings

10 ni flake 0001 24 Regular green

4 lb weight.

Single Tamps - John Ott to fix filling machine so it feeds every tamp.

Mt Spring Cracked end Wt 6.162

5704 Cracked end Wt 6.104

5705 Wt 6.267

$$3\overline{)18533}$$
$$6178$$
$$70$$
$$4.32460$$

5706 Loaded tube 1 min. 45 sec.

Dup of 5703 Flake #64

Single tamps, feed every tamp
but with 20 N flake 48 Reg
green 4 lbs Lot

Not Sprung.	Wt	5.844
5707	Wt	5.809
5708	Wt	5.650

3) 17303
5768
7
4,0376

5709 Loaded in 1 min.
Dup of 5703 Flake #64.

Single tamps but with 40 flake-
96 Reg green
5 lb weight.

Now have John Change back the
machine for Reg double Tamps

Mot Spring Cracked and Wt 5.369
5710 Wt 5.326
5711 Wt 5.322

5712 Flake #64 1 1/2 Spiral

21 Hole 005 10 Ni flake 0001 -

24 Reg Ni 4 Rings - Run in 33%

with 100 milgrms sulphur in each

Cell -

not Sprung Cracked end LOF 6.760

5713 Cracked end LOF 6.800

5714 Cracked end LOF 6.653

5715 - $1\frac{1}{2}$ Spiral

21 Hole 005 10 mf 0001 24
Reg green 4 rings 21%
Containing 200 milligrams flour
Sulphur - Flake #64

Mot Spring. Cracked end Wt 6.569

5715 $\frac{1}{2}$ Cracked end Wt 6.578

5716 Cracked end Wt 6.723

7 tubes
or 6 according
How machine works

5717 Long 4 inches tubes
made in John Otto big
Machine 1½ spiral
21 Hole 005 — 6 Rings —
put with 4 Irons in New
Long Cell when they come
Reg pack Reg Mix Flake #68
not Spring
Cracked end Wt 10.129
2.06 K.H.
5718 " " Wt 10.327
5719 " " Wt 10.245
5720 Wt 10.378
5721 " " Wt 10.299
5722 Wt 9.660
5723 " " Wt 10.205

5724 Dup of 5717 - #68 B Lake

Except use green No wash filtered, dried low heat Ralph will send up a lot

Med #709 R.A.

	bracked end wt	11.054
5725	wt	10.922
5726	wt	11.132
5727 bracked end	wt	11.265
5728 " "	wt	11.311
5729	wt	11.259
5730 " "	wt	11.113

5781 - #68 flake

Dup of 5717 (used R.Q # 708)

Except 1/2 wash nat filtered dried loco heat, long tubes

		11.018
5732	Cracked end.	11.020
5733		10.844
5734		10.983
5735		11.112
5736	Cracked end	11.127
5737.		11.013

7 | 77117

1117

7

7.819

5775 21 hole 5/1000 stock 1½ Spiral
10 hi flake 24 reg. green, 4 Rings
3½ lb wt. Run in 33% KOH Containing
100 Milligrammes Flour of Sulphur each cell
Class # 67

Not Sprung
Cracked end wt 6.871

5776 " " wt 7.008

wt 7.017

5777

5778 2 hole 5/1000 stock 1½ Spiral
10 in flakes 24 neg. green, 4 Rings
3½ lbs wt Run in 3% KOH
with 250 Miligms of flowr sulphur
in each cell

Not Sprung wt 6.927

5779 wt 6.793

5780 wt 6.858

5781 21 hole 5/1000 1½ Spiral
3½ lbs wt, 10 mi flake 24 Reg green
4 Rings. Run in 33% KOH Containing
500 Miligms flour Sulphur each cell.

Not Sprung.
Cracked end wt 7.048

5782 " " wt 6.833

5783 wt 6.947

5784 2 holes 5/1000 stock 1½ Spiral.
3½ lb. wt. 4 Rings 10 in flakes 24 pieces
Run in 33% KOH. Containing
500 Milligms Sulphide of Mercury
Cinnabar finely powdered
each cell.

Not Spanning
Cracked end wt 6.997

5785 " " wt 6.968

5786 " " wt 6.970

5787 21 hole 5/1000 1½ Spiral
3½ lb wt. 4 Rings 10 hi flake
24 Reg. green. Run in 33% KOH
Containing Metallic Arsenic
ground to fine powder,
500 Miligms each cell.

Not Sprung wt 7.111

5788 bracked end wt 6.942

5789 " " wt 6.989

5790 2 Hole 5/1000 1½ Spiral.
3½ lb wt, 4 Rings 10 Nr Plates 24
reg green. Run in 38% KOH.
Containing 500 Miligrammes
of one solid piece of Brimstone wt
powdered each cell.

Not Spring
Cracked end wt 6.997

5791 " " wt 7.178

5792 " " wt 7.130

5793 21 holes 5/1000 1½ Spiral
3½ lb wt, 10 in flakes 24 green
4 Rings. 33% KOH Containing
500 milligms Oxide Mercury HgO
put in each cell (recently precipitated)

Wt Spring
bracketed wt 7.085

5794 " " wt 7.291

5795 wt 7.256

5796 21 hole 5/1000 1½ Spiral
3½ lb wt. 10 Ni flake 24 reg. green
4 Rings. 33% KOH, Containing
500 Milgms powdered Sulphide
of Calcium each cell.

Not Sprung
Cracked end wt 7.182

5797 wt 7.036

5798 Cracked end wt 7.060

5799 21 hole 5/1000 1½ Spiral
3½ lb wt. 10 Ni flake 24 Keg green
4 Rings. 33% KOH Containing
500 Milligms finely powdered
Sulphide of Antimony in each cell.

Flake #67

Not Spring wt 7.190

5800 Cracked end wt 6.744

5801 wt 6.995

5802 21 hole 5/1000 1½ Spiral 3½ lb wt.
10 hi flake 24 reg green, 4 Rings
33% KOH with 500 Miligrammes
of finely powdered Selenium in
each cell. #68 Flake

Not Sprung
Crack Find wt 6.774

5803 wt 6.698

5804 " " wt 6.620

5805 21 Hole 5/1000 1½ turn spiral
3½ lb wt. 10 in flake 24 Reg. green
that had been soaked on hot test table
in 33% KOH for 30 days 4 rings
Run reg 24% KOH
For full particulars see 5806 + 5809.
wt Spring. #70 Flake
wt 6.365

5806 cracked end wt 6.149

5807 wt 6.089

5808 Two regular test cell cans
5809 each containing 40 grams of
regular Nickel Hydrate through 20 mesh
all fines in. with 175 cc of 33% KOH
close fitting tops put on them, the electrode
holes closed by means of the regular Ni plated
rods used upon pockets. These two cells
given to Hooper to put on hot test rack
Evaporation of water to be compensated for
by addition of distilled water. One cell to
be run for 30 days the other until Mr.
Edison returns. After 30 days run
the one cell to be taken off all the potash
drained off, the Ni(OH) to be put in large bathy
jar and washed free of KOH by distilled water.
dried and put up in cells #5805, 06, 07.
Your note given to Hooper to copy for instruction

5810 21 Hole 5/1000 spiral 1½ turns
3½ lb wt. 10 Ni flake 24 reg. green 4 Ringe
33% KOH. Put on hot test table
without current for one month, then
solution emptied out and 21% KOH put in
and run on board 5 times + then hot tests
Give Hooper full instructions
S. L. Ott gave Hooper cells and explained.

Hot Spring. Cracked end wt 6.820

5811 Cracked end wt 6.814

5812 wt 6.584

I left off the connection wires as they could
not get current through them. 9/24

Flake #67

5813 ½ Wash not filtered, dried low heat through 20 mesh. R.Q. #707 used.
21 hole 5/000 1½ turn Spiral
3½ lb wt. 10 hi flake 24 green 4 Rings
Run in 27% NaOH containing 2. gms
Caustic Lithia in each cell.
Not Sprung Cracked end wt 7.702

5814 Cracked end wt 7.609

5815 wt 7.386

7) 22697
7566
7
5.2962

5816 Duplicate of 5813 F. lake #67
Except run in 25% NaOH
with 2. gms Caustic Lithia in each cell

Not Sprung. wt 7.504

5817 wt 7.345

5818 Cracked end wt 7.238

3)22087
7362
7
5.1534

5819 Duplicate of #5813 Flake #67

23% NaOH 2 gms Caustic Lithia in each cell.

Not Sprung.
Cracked end wt 7.368

5820 wt 7.162

5821 wt 7.186

$$\begin{array}{r} 3\overline{)21716} \\ 9239 \\ 7 \\ \hline 5.0673 \end{array}$$

5822 Duplicate of #5813 Flake #67

21% NaOH 2 gms Caustic Lithia each cell.

not Sprung. wt 7.406

5823 wt 7.391

5824 Cracked end wt 7.310

3) 22107
7369
7
5.1583

5825 Duplicate of #5813
Flake #67
19% NaOH. 2 gms Caustic Lithia each cell.

Not Sprung
Cracked end wt 7.279

5826 " " wt 7.245

5827 " " wt 7.226

3)21750
7250
7
5.0750

5828 Duplicate of #5813
Ft lake #67

17% NaOH
2 gms Caustic Lithia
each cell.

Hot Spring.

wt 7.423

5829 wt 7.229

5830 wt 7.325

3 | 21977
4326
7
5.1282

5831 Duplicate of #5813
Filled #67

15% NaOH
2 gms Caustic Lithia
each cell.

Not Spraying
Cracked end wt 7.090

5832 wt 7.385

5833 Cracked end wt 7.177

$$3\overline{)21.652}$$
$$7.217$$
$$5.051$$

5834 Duplicate of #5813
Filler# 67

13% NaOH
2 gms Caustic Lithia
each cell.

not Spring. wt 7.225

5835 Cracked end wt 7.386

5836 " " wt 7.483

3)22094
7365
5.5555

5837 Duplicate of #5813
Flake #67
11% Na OH with 2 gms Caustic Lithia
each cell.

not Sprung
Cracked end wt 7.342

5838 wt 7.399

5839 Cracked end wt 7.293

5840 Duplicate of #5813
Flake #67
9% NaOH
2 gms Caustic Lithia each cell.

Not Sprung.
bracket end wt 7.262

5841 " " wt 7.383

5842 " " wt 7.296

5843

5844

5845

5846 Duplicate of 5813
Except 2% KOH and 2 gms
Caustic Lithia each cell.
Flake #67
RA #708 Large bottle

Mt Spring
Cracked end wt 7.338

5847 wt 7.353

5848 Cracked end wt 7.517

$$3\overline{)22208}$$
$$7403$$
$$5.1821$$

5849 Duplicate of 5813 Flake #67

25% KOH 2 gms LiOH each cell.

Not Spring.

	Cracked End	wt	7.423
5850	"	" wt	7.483
5851	"	" wt	7.375

3) 22281
7427
5,1989

520 (1400 (27
1040
3600
3640

5852 Duplicate of 5813

23% KOH, 2 gms LiOH each cell.

Not Sprung wt 7.408

5853 bracked end wt 7.489

5854 wt 7.549

3 | 22446
7482
70
5.2374

5855 Duplicate of #5813

21% KOH, 2 gms LiOH each cell.

Not Sprung wt 7.527

5856 Cracked end wt 7.441

5857 " " wt 7.421

3)22389

7463

7

5,2241

5858 Duplicate of #5813
19% KOH, 2 gms LiOH each cell.

Not Sprung. wt 7.429

5859 Cracked end wt 7.546

5860 " " wt 7.488

$$3\overline{)22.463}$$
$$7.488$$
$$5.241$$

5861 Duplicate of #5813
17% KOH, 2 gms LiOH each cell.

Wt Sprung	wt	7.343
5862	wt	7.351
5863 Cracked end	wt	7.411

$$3\overline{)22105}$$
$$7368$$
$$7$$
$$5.1576$$

5864 Duplicate of #5813
15% KOH, 2 gms LiOH each cell.

not Sparing
Cracked end wt 7.250

5865 wt 7.458

5866 Cracked end wt 7.525

$$3\overline{)22233}$$
$$7411\frac{2}{3}$$
$$51877$$

5867 Duplicate of #5813
13% KOH, 2 gms LiOH each cell.

Not Spring
Cracked Ind wt 7.573

5868 wt 7.539

5869 wt 7.586

$$\begin{array}{r} 3\overline{)22698} \\ 7566 \\ 7 \\ \hline 5,2962 \end{array}$$

5870 Duplicate of #5813
11% KOH, 2 gms LiOH each cell

not Sprung wt 7.370

5871 wt 7.566

5872 bracketed wt 7.504

$$\begin{array}{r|l} 9 & 22440 \\ & 7480 \\ \hline & 5236 \end{array}$$

5873 Duplicate of #5813
9% KOH, 2 gms LiOH each cell.

not Sprung
Cracked end wt 7.542

5874 wt 7.565

5875 wt 7.566

3 | 22673
7558
7
5.2906

5876 Tubes for Holland. Flake #67
21 Hole 5/1000 1½ turn spiral
4 Rings 3½ lb wt. ½ wash not
filtered, dried low heat, through
20 mesh, 27% Caustic Soda.
RA # 707 used.

	Cracked end	wt	7.639
Not Sprung.			
5877	Cracked end	wt	7.672
5878	" "	wt	7.589

5879 Duplicate of 5876 used #67 Flake on this group.

25% NaOH.

Hot Spring bracket end wt 7.640

5880 " " wt 7.486

5881 " " wt 7.436

5882 Duplicate of #5876
23% Caustic Soda.

Mt Spring Cracked end wt		7.669
5883	" " wt	7.664
5884	" " wt	7.715

5885 Duplicate of #5876.
2% Caustic Soda.

Not Sparing
Cracked end wt 7.598

5886 " " wt 7.758

5887 " " wt 7.738

5888 Duplicate of #5876
19% Caustic Soda.

Not Sprung. wt 7.776

5889 Cracked end wt 7.680

5890 " " wt 7.710

5891 Duplicate of #5876
17% Caustic Soda.

Not Sprung. wt 7.628

5892 Cracked end wt 7.698

5893 " " wt 7.545

5894 Duplicate of #5876
15% Caustic Soda

Not Sprung.
Cracked end wt 7.725

5895 " " wt 7.731

5896 " " wt 7.651

5897 Duplicate of #5876
13% Caustic Soda.

Not Sprung. wt 7.594

5898 wt 7.596

5899 Cracked end wt 7.691

5900

5901

5902

5903

5904

5905

5906
21 Hole 5/1000 1½ Spiral 3½ lb wt.
4 Rings 10 Mi flake 24 Reg green.
Before running on board reverse the nickel tube against the saw 3 hours at 200, then connect up iron and run regular
P.S.J. Let Hooper copy instructions from the note.
Not Sprung. #68 Flake.
wt 6,557

5907 wt 6,592

5908 Cracked end wt 6705

5909 Flake #67 R.A. #708 ½ Wash
21 Hole 5/1000 1½ Spiral 3½ lb wt.
4 Rings 10 Cobalt flake 0001 - 24 green
½ wash not filtered, dried low heat
Run in 21% Regular.

Not Sprung
Cracked end wt 7.438

5910 wt 7.890

5911 Cracked end wt 7.836

5912
21 Hole 5/1000 1½ spiral 4 Rings
3½ lb wt. 5 nickel flake ½ thickness
24 green ½ wash, not filtered, dried low heat.

Not Sprung.
Cracked end wt 7.081

5913 " " wt 7.226

5914 wt 7.191

3 | 21498
7166
827
50162
1432
328
57
5.9262

5915 Duplicate of #5912
Except 4 lb weight.

Not Sprung. wt 7.251

5916 Cracked end wt 7.313

5917 wt 7.271

3)21835
7278
827
50946
14556
58224
6.017

5918 Duplicate of #5912

Except 4½ lb. weight.

Not Sprung
cracked end wt 7.424

5919 " " wt 7.449

5920 wt 7.351

3) 22224
7408.
827
5856
5816
1484
264
59
6.125

5921 Duplicate of #5912
Except 5 lb. weight.

Not Sprung. wt 7.436

5922 bracked end wt 7.457

5923 " " wt 7.436

3) 22329
7443
827
52101
14886
59544
6.1553

5924 Flake #67
21 Hole 5/1000 1½ Spiral 10 in flake
24 grew ½ Wash, not filtered, dried
low heat. 4 Rings 3½ lb. wt.

10 grms Potassium Chloride
in each cell.
Wt Spring

wt 7.526

5925 Cracked end wt 7.531

5926 " " wt 7.512

3 | 22569
7523
7
5.2661

5927 Duplicate of #5924
Except 4 lb wt.
Flake #67

Not Springy. wt 7.679

5928 Cracked end wt 7.673

5929 " " wt 7.621

5930
21 Hole 5/1000 1½ spiral 3½ lb wt.
4 Rings 10 Ni flake 24 reg green.
After 5 runs put on hot test
Reversed all the time for 50 Runs.

Wt Spring #68 Flake
wt 6.640

5931 wt 6.702

5932 Cracked end wt 6.528

3)19870
6623
7
4,6361

5933
Duplicate of #5930
Except in place of regular irons
use a chemical pure nickel strip
Reverse charge and discharge for
50 Hot runs.

Flake #68

Mt Spring wt 6.530

5934 wt 6.386

5935 Crackedend wt 6.473

5936 Duplicate of #5933 Tr lake #68
But assemble it with
3457 + 3458 Irons as soon as
Holland is through with them
after 5 runs on board run it
reversed continuously for 50 Hot runs.

Not Spring wt 6.650

5937 Duplicate of #5933 Flake #68
But assemble with irons
#3475 + 3476 as soon as
Holland is through with them
Run 5 runs on board, + then
charge + discharge 50 runs hot
continuously.

Not Sprung wt 6.655

5938
21 Hole 5/1000 1½ spiral 3½
lb wt, 4 Rings
21% containing 250 Milgms
Glycerine each cell.
Flake #68

Not Sprung
Cracked end wt 6.402

5939 wt 6.459

5940 " " wt 6.402

3) 18261
6087
7
4,2609

5941
21 Hole 5/1000 1½ Spiral 3½ lb wt
4 Rings Reg green. Run on board
5 times, then run 50 Hot runs
reversed continuously in
19% KOH
Flake #68

Mt Spring wt 6.558

5942 wt 6.651

5943 wt 6582

3) 19791
6597
7
4.6179

5944 Duplicate of #5941
Except use 17% KOH.

Flask # 68

Wt Spring wt 6.626

5945 Cracked end wt 6.559

5946 wt 6.607

3)19792
6597
4.6179

5947 Duplicate of 5941
Except use 15% KOH.

Flake #68

Not Spring	wt	6.578
5948	wt	6.593
5949	wt	6.574

5950 Duplicate of #5941
Except use 17% NaOH.

Flake # 68

Wt Spring	wt	6.660
5951 bracked end	wt	6.604
5952	wt	6.635

5953 Duplicate of #5941
Except use 15% Na OH.

Flake #68

Not Sprung
Cracked end wt 6.653

5954 " " wt 6.570

5955 wt 6.617

5956 Duplicate of #5941
Except use 13% NaOH.
Flake #68

~~Wt Spring~~ wt 6.574

5957 Cracked end wt 6.598

5958 " " wt 6.608

5959 2-1 Holes 5/1000 1½ spinal 3½ lb-wt
4 Rings ½ Wash, not filtered, dried low heat
Stripped out 80/1000 wide 24 green 10
in flakes. Through 15 Mesh.

wt

5960 wt

5961 wt

5962 Duplicate of 5959
Except Flakes strips cut 100/1000
wide. Through 15 Mesh.

wt

5963 wt

5964 wt

5965 Duplicate of #5959
Except flake strips cut 120/1000
wide. Through 15 mesh.

wt

5966 wt

5967 wt

5968

21 Hole 5/1000 1½ Spiral 3½ lb wt
4 Rings 10 flakes 24 green ½ # ash, wt
filtered, dried low heat, put under
Bell jar with wet sponge for 48 hrs.
to allow green to absorb water.

wt Spring #68 Flakes

wt 7.430

5969 wt 7.398

5970 wt 7.416

3)22244
7415
7

5.1905

5971

21 Hole 5/1000 1½ spiral 3½ lb wt
4 hinge 10 thin flake strips cut 60/1000 wide.
24 green ½ Wash, not filtered, dried low heat.

Mt Spring		wt	7.076
5972	bracked end	wt	7.112
5973	" "	wt	6.981

5974 Duplicate of #5971
Except put green through 60
mesh fines all in.

Wt Spring.
bracked end wt 7.323

5975 wt 7.189

5976 wt 7.259

5977 Duplicate of #5971
Except put green through 100 Mesh
fines all in!

Wt Spring
Cracked and wet 7.462

5978 " " wt 7.384

5979 wt 7.214

5980 #68 Flake
R. Arbogast #710 Mass action green
10 Ni flake 24 green 21 Hole 5/1000
1½ Spiral 3½ wt 4 Rings
2 Washes, filtered, dried high
heat

Not Sprung.

wt 6.407

5981 wt 6.613

5982 wt 6.425

5983

5984

5985

5986
21 Hole 5/1100 1½ spiral 3½ wt.
4 Rings 24 Regular Graphite Mix
7 Reg Mi flake -

#68 Flake

Wt Sprung wt 6.851

5987 wt 6.822

5988 wt 6.856

5989

21 Hole 5/1000 1½ Spiral 3½ lb wt. 4 Rings ½ wash, not filtered dried low heat Rings to fit tight, and to be pushed on very hard with a tool from John Ott

Put on with ring machine

Wt Spring #68 Flake

wt 7.181

5990 Cracked end wt 7.208

5991 " " wt 7.260

3) 21649
7216
7
50512

5992

21 Holes 5/1000 1½ Spiral #68 Flakes 3½ lb wt 4 Rings
½ Wash, not filtered dried low heat
21% KOH 2 gms LiOH each cell.
To be run by Hoover 4 times on board, one
to be given to Holland to test for
Efficiency Voltage.

Wt Spring wt 7.222

5993 wt 7.128

5994 wt 7.018

7 | 21.368
7.123
7
4.9861

5995 Duplicate of #5992
Except 17% KOH + 2 gms LiOH with cells
For Holland after Hooper is through with them.
4 irons for tubes

#68 F label

Not Spring
Cracked end wt 7.117

5996 " " wt 7.086

5997 wt 7.116

3) 21.319
7106
7
49742

5998 Duplicate of #5992
Except 13% KOH
2 gms LiOH each cell.
For Holland after Hooper is through with them.

	#68 Flake
Wt Sprung	wt 7.089
5999	wt 7.046
6000	wt 7.149

3)21284
7095
4,9665

6001 Duplicate of #5992
Except 21% NaOH + 2 gms LiOH
each cell.
Jim Holland after Hooper is through with them.

#68 Glass

Not Sprung wt 7.280

6002 Cracked end wt 7.305

6003 " " wt 7.218

6004 Duplicate of #5992
1770 NaOH 20gms LiOH each all
For Holland after Hooper is through with them.

#68 Flake

Not Spring wt 7.139

6005 wt 7.190

6006 wt 7.100

3) 21429
7143
7
50001

6007 Duplicate of # 5992
13% NaOH 2 gms LiOH each cell.
For Holland after Hooper is through with them.

#68 Flake

not Spring
Bracket end wt 7.115

6008 " " wt 7.137

6009 " " wt 7.014

3 | 21266
7089
4.9623

A6010 #68 flake
R.A. #871 Fe exp. Selfheated 5% HgO.
with two nickel tubes reg
for endurance tests. 21 Hole 5/1000 1½
spiral 4 rings 10 Ni flake 24 reg green. 3½ lb wt
5 gms Fe pockets Mr Edison asks for
2 Fe #862 R.A. says the above two are
better as he wrote Mr Edison about them
Not Sprung. wt 6.405

A6011 wt 6.435

Tell Hooper to be run on endurance
test hot.

A6012, Duplicate of #6010

Not Sporing wt 6.582

A6013 wt 6.392

A6014 Duplicate of #6010
Except #871a Fe exp. Now Pyro 5% AgO

#68 Flake

Not Sprung wt 6.546

A6015 wt 6.452

#6016 Duplicate of #6014

#68 Flake

Hot Spring wt 6.614

#6017 wt 6.541

6010

21 Hole 5/1000 1½ Spiral 3½ lb wt

4 Rings ½ Wash not filtered dried low heat

Through 30 mesh finks all in.

= 708 RA used

#70 Flake

Not Sprung.

Cracked end wt 7.245

6011 wt 7.152

6012 wt 7.187

3) 21584

7195

7

5,0365

6013 Duplicate of #6010
Except green through 40 mesh 3½ lb wt.

		#70 Flake
Wt Sprung.		
	Cracked and wt	7.250
6014	wt	7.013
6015	wt	7.096

6016 Duplicate of #6010
Except green through 50 mesh 3½ lb wt.

		#70 Flabs
Not Sprung cracked end	wt	7.147
6017	wt	7.249
6018 "	" wt	7.305

6019 Duplicate of #6010
Except green through 60 mesh 3½ lb wt.

		#70 Flake
Wt Spring. bracked end	wt	7.314
6020	wt	7.135
6021	wt	7.214

6022 Duplicate of #6010
Except green through 80 mesh 3½ lb wt.

		#70 Flake
1st Spring bracked end	wt	7.265
6023	wt	7.070
6024	wt	7.019

6025 Duplicate of #6010
Except green through 100 mesh 3½ lb wt

		#70 Flake
Wt Spring Cracked end	wt	7.004
6026	wt	7.065
6027	wt	6.928

6028 Duplicate of # 6010
Except green through 180 mesh 3½ lb wt

wt

6029 wt

6030 wt

Green would not feed out of hopper, and when it would feed it would not drop. Acts as if it caked into the slide.

6031 Duplicate of #6010
Except green through 20 mesh 4 lb wt.

		#70 Flake
Wt Sprung.	wt	6.857
6032	wt	6.904
6033 Bracked end	wt	6.961

6034 Duplicate of #6010
Except green through 20 mesh 4½ lb wt.

	#70 Flake.	
Mt Sprung	wt	7.057
6035	wt	7.025
6036	wt	7.050

6037 Duplicate of #6010
Except green through 20 mesh 5 lb. wt.

		#70 Flaked
Hot Spring	wt	7.170
6038 Cracked end	wt	7.168
6039	wt	7.091

6040 Duplicate of #6010
Except green through 40 mesh 4 lb. wt.

		#70 Flake
Not Sprung	wt	7.214
6041	wt	7.219
6042 bracked end	wt	7.226

6043 Duplicate of #6010
Except green through 40 mesh 4½ lb wt.

		#70 Flake
Spring.	wt	7.313
6044	wt	7.315
6045 Cracked end	wt	7.335

6046 Duplicate of #6010
Except green through 40 mesh 5 lb wt.

			#70 F lake
Wt Spring			
	Cracked end	wt	7.378
6047	"	" wt	7.680
6048	"	" wt	7.679

6049

21 Hole 5/1000 1½ spiral 3½ lb wt 4 Rings
10 Ni flake 24, ½ wash, not filtered dried low heat
21% KOH Containing 2 gms Caustic Caesium
to each cell
Do Grothe to make the spec. sol. and see
that they are Caustic and not Carbonated.
Not Spinning #70 Flake
Cracked [illegible] wt 7.062

6050 wt 7.031

6051 wt 7.016

6052 Duplicate of #6049
. 21% KOH containing 2 gms Caustic Rubidium or Rd. each cell
Use Bottle to make spec. Sol. see 6049

Not Spinning	wt	#% Flake 7.010
6053	wt	6.873
6054	wt	6.886

6055 Duplicate of #6049
2170 KOH Containing 2 gmmes of Beryllium
Hydroxide to each cell.
Dr Grothe to make the spec. sol.
see 6049.

MF Sprung.	wt	#70 Flake 6.905
6056 Cracked ends	wt	6.936
6057	wt	6.975

6058 Duplicate of #6049
Except 2% KOH. Saturated with
Lithid Hydroxide LiOH each cell.

Dr Grothe to make the spec. sol.
see 6049

		#70 F lake
Not Sprung. Cracked end	wt	7.031
6059	wt	6.908
6060 Cracked end	wt	7.400

6061 Duplicate of # 6049
Except 15% NaOH. Saturated with
LiOH. each cell

Dr Grothe to make the spec Sol.
I WH told Dr Grothe about the spec. solutions
and the per ct. he can put in the cell each can.

Not Sprung. #70 Flake
wt 7.392

6062 Cracked end wt 7.592

6063 wt 7.110

6064
21 Hole 5/1000 1½ spiral 3½ lb wt 4 rings
R.A. 710 One wash - not filtered dried
high heat. Mass Action

		# 70 Flake
Not Sprung	wt	7.312
6065	wt	7.332
6066	wt	7.280

6067 Duplicate of #6064
R.A. 710 Mass Action. One wash, filtered dried high heat.

#70 Flake

Wt Spring

Cracked end wt 6.740

6068 wt 6.658

6069 " " wt 6.640

6070 Duplicate of #6064
R.A. #710 Mass Action. 2 Washes, not filtered, dried high heat.

		#70 Flake
Wet Sprung	wt	6.471
6071 Cracked end	wt	6.244
6072	wt	6.615

6073 Duplicate of #6064
R.Q. #710 Mass Action. 2 Washes, filtered, dried low-heat.

		#70 Flaker
Not Sprung.	wt	6.674
6074 Cracked end	wt	6.643
6075.	wt	6.686

6076. Duplicate of # [illegible]
#7[illegible] A. One wash, not filtered dried low heat Mass Action

Not Spring		#70 Flake
	Cracked end	wt 7.067
6077	" "	wt 7.084
6078		wt 7.149

6079 Duplicate of # 6064)
R.A. #710 Half-wash, filtered dried low heat, Mass Action.

Mt Spring	#70 Flake wt 7.888
6080	wt 7.908
6081 bracked end	wt 7.980

6082 Duplicate of #6064
R.A. 719 Mo wash, filtered dried high heat Mass Action.
P.S. Had to screen almost all the fines out before I could get it to feed, or drop from slide.

Wt Spring			#1/4 Flake	
	Cracked end.		wt	6.855
6083	"	"	wt	6.696
6084	"	"	wt	6.652

6085 Duplicate of #6064
RA #710 Mass Action. Half wash, not filtered
dried low heat.

Not Sprung		#70 Flake	
Bracked end		wt	7.086
6086	" "	wt	7.026
6087		wt	7.094

6088 Duplicate of #6064
R.A. #710 One wash, filtered, dried low heat. Mass Action.

Not Sprung.	#70 Flake wt	6.456
6089	wt	6.468
6090	wt	6.476

6091

21 Hole 5/1000 1½ spiral 3½ wt 4 Rings
Half wash, not filtered, dried low heat.
10 M flake 24 green.
Screened through 20 on 30 mesh
nothing finer than 30 mesh.
Rings put on by machine

not Spring #70 F lake
bracked end wt 6.948

6092 wt 6.970

6093 wt 6.937

6094 Duplicate of #6091 Except green screened through 15 mesh, and on 30 mesh. Nothing finer than 30 mesh. Rings put on by machine

Not Sprung #70 Flake

Cracked end wt 7.001

6095 " " wt 6991

6096 wt 6.792

6097
21 Hole 5/1000 1½ spiral 3½ lb wt.
Rings 2½ in flake ¼ thickness
through 20 mesh. 24 green through 20 mesh,
½ Wash, not filtered, dried low heat.

wt

6098 wt

6099 wt

6100 Duplicate of #6097 But
4 lb weight

wt

6101 wt

6102 wt

29 | 240 | 827
232
8.8
220

6103

21 Hole 5/1000 1½ spiral 4 lb. wt. 4 Rings
½ Wash not filtered, dried low heat.
5 in flake ½ thickness 24 green through
20 mesh fines in. 21% KOH. 2 gms Lithia
Hydroxide. each cell.

Rings put on with ring machine
Not Sprung
Cracked end wt# 6.916

6104 wt 6.941

6105 wt 6.786

3 | 20643
6881
827
48167
13762
1048
55
5,690587

6106 Duplicate of #6103 But
15% NaOH. 2 gms LiOH each cell.

Rings put on with machine
not Sprung
Cracked end wt 6.865

6107 wt 6.931

6108 " " wt 6.826

3) 20622
6874
827
48118
13748
54992
5,68479

6109 Duplicate of #6103 Except
15% KOH. 2 gms LiOH each cell

Rings put on with machine.
Mat S Bring.
Cracked end wt 6.750

6110 " " wt 6.682

6111 wt 6.760

3)20192
6731
827
47117
13462
53848
5.5665

6112 Duplicate of #6103 Except
10% NaOH. 2 gms LiOH each cell.

Rings put on with machine.
Not Spring.
Cracked end wt 6.901

6113 " " wt 6.729

6114 wt 6.792

$$
\begin{array}{r}
3\overline{)20422} \\
6807 \\
827 \\
\hline
47649 \\
13614 \\
\hline
54456 \\
\hline
56293
\end{array}
$$

1½ spiral -

6115 21 Hole 005 - 3½ lbs 4 Rings
RA 710 Mass action.
½ wash, filtered, dried
high heat, 10 flake 24 grssn

Mit Spring

Wt 8.322

#70 Flake

6116 Cracked end Wt 8.242

6117 " " Wt 8.120

1 1/2 spiral

6118 21 Hole 005 - 3 1/2 wt 4 rings
10 fl no 24 grain
Ra 710 1/2 wash not
filtered dried high heat.
Mass action.
Not Spring Crushed end Wt 7.309

6119 Wt 7.223

6120 " " Wt 7.202
#70 F lake

6121 21 Hole 005 1½ Spiral 3½ wt
4 Rings 10 flake in 24 green
RA 710 - Two washes not
filtered dried low heat
Mass action —

Wt 6,388

6122 Wt 6,413

6123 Wt 6,325
Mt Spring #70 Flake

RA 710 no wash filtered
Dried low heat
Would not feed —

6124 ~~21 Feb~~ Dup 6121 —

RA 710 - No wash, not filtered
dried low heat - 10 flake 24 grain
Mass action

Wt 7.091

6125 Wt 7.256

6126 Wt 7.296
Not Spring #707 lake.

6127 Long tubes
21 Hole 5/1000 1½ Spiral
Made in big machine.
31 green R.A. #709 ½ wash, filtered,
dried low heat. 10 M flake.
21% KOH
Wt Sprung #70 Flake
wt 9.086

6128 wt 8.984

6129 wt 9.096

3) 27166
9055
25
45275
63385
6790

6130

21 Hole 5/1000 1½ Spiral 3½ lb wt
4 Rings 24 Reg green 10 in flake.
Run 21 % KOH Flake #70
To be given to Holland to test.
To put with two charged irons.
Not Sprung
bracket end wt 6.582

6131 " " wt 6.582

6132 Duplicate of #6127
21 Hole 5/1000 1½ spiral.
Big machine long tubes

wt Spring		#70 Flake	
	Cracked ends	wt	8.872
6133	" end	wt	8.914
6134		wt	9.054

6135 Duplicate of #6130
Except assembles with two
irons that have not been put
in KOH To be given to Holland
Run in NaOH 15%

Nut Spinning #70 Flake
wt 6498

6136 Cracked end wt 6635

When new packer is OK

6137 21 Hole 005 1½ spiral 3½ wt 4 Rings
½ wash not filtered, dried low heat,
10 flake 24 green
21% KOH containing 2 grms
Lithia hydroxide each cell and
One gram of Metallic Aluminum
dissolved in KOH of Each cell.
Not Spring #70 Flake
Bracket ends Wt 8.015

6138 " end Wt 7.955

6139 " ends Wt 7.952

6140 Dup of 6137

Except. 15% NaOH, 2 grams LiOH
+ 1 gram aluminum each cell.

Not Spring #70 [illegible] Wt 7.959

6141 Wt 8.030

6142 Wt 7.760

6143. Dup of 6137

Except 21% KOH, 2 grms LiOH, & 500 Milgrammes Aluminium dissolved in each cell —

Not Spinning + 70 Flakes Wt 7.926

6144. Wt 7.931

6145 Cracked end Wt 7.951

6146 — Dup. 6137

Except 15% NaOH, 2 grms LiOH
+ 500 Mily Aluminium —

[illegible] Sprung #70 Flakes
Cracked end Wt 7.939

6147 Wt 7.989

6148 — " " Wt 8.040

6149 = Dup of 6137

Except 21% KOH, 2 grms LiOH
+ One gram of Iodide of Potassium

1st Spring #707 lake
Wt 8.042

6150 Cracked end Wt 8.018

6151 " " Wt 7.981

6152

Flat pockets 3.2 grams Regular graphite mix — 21% KOH, 2 grams Lithia hydroxide each cell,
To be run for endurance on hot ~~test~~
20 runs each time —

6153
6154
6155
6156

6157 - Dup of 6152

5 pockets. 15% NaOH.

2 grams LiOH, each cell

6158

6159

6160

6161

~~6~~

6162 Dup of 6152

Except. 21% KOH, 2 grms LiOH, & One gram of Metallic Aluminum dissolved in each cell.

6163
6164
6165
6166

6167 Dup of 6152

Except 15% NaOH 2 grams
LiOH, & one gram metallic
Aluminum dissolved in each
cell —

6168
6169
6170
6171

6172

Dup of 6152

21% KOH, 2 grms LiOH,

250 milgrammes metallic

Aluminum dissolved in each cell

6173

6174

6175

6176

6177- Dup 6152

15% NaOH, 2 grams LiOH,
250 milligrams Metallic Aluminum
dissolved in each cell

6178
6179
6180
6181

6182 Dup of 6152

21% KOH, 2 grms LiOH,
One gram Iodide a 6
Potassium I

6183
6184
6185
6186

6187 - 21 Hole 005 1½ Spiral 3½ wt 4 rings
½ wash not (ittere) dried low heat.
21% KOH. 5 grammes freshly precipitated
Oxide of Mercury' each cell.
Wt Spring #70 Flake
Cracked end Wt 7.635

6188 " " Wt 7.652

6189 Wt 7.654

3) 22941
7647
7
5.3529

6190 Dup 6187

15% NaOH.

5 grammes freshly precipitated

Oxide Mercury each cell -

Not Spring #70 Flake

Wt 7.707

6191 Wt 7.707

6192 bracked end Wt 7.714

3) 23128

7709

7

5.3963

6193 Dup 6187
21% KOH.
2 grms Li Off -
5 grams freshly precipitate Oxide Mercury
Not Spring #7.3 lake

Wt 7.608

6194 Wt 7.627

6195 Wt 7.630

3) 22865
7622
7
5.3354

6196 Dup 6187

15% NaOH.

2 grams LiOH.

5 grams freshly precipitated Oxide Mercury

Not Spring #70 Flakes

Cut 7.555

6197 Cut 7.559

6198 - Cut 7.610

3)22724

7575

53025

6199 Dup 6187

21% KOH.

3 grams freshly precipitated Ferrous hydroxide - dont let it oxidize To Ferric more than you possibly Can help

hot Sferring #70 Flake

Rings .0625 smaller. Wt 8.116

6200 Wt 8.011

6201 bracked end Wt 7.994

3 | 24121
8040
7
5,6280

6202 Dup 6187

21% KOH,
2 grms LiOH,
3 grams freshly precipitated
Ferrous hydroxide not oxidized
more than you possibly can help —
Lot Spring #70 Flaps
Rings .0025 smaller Wt 7.865

6203 Wt 8.092

6204 Wt 8.038

3 | 23995
7998
7
5.5986

6205 21 Hole 005 $1\frac{1}{2}$ spiral $3\frac{1}{2}$ wt 4 rings
~~[illegible]~~ No 2 green 24 green 10 ft.
New filler with rotary arms in flake Hopper
Reg 21% KOH. No 1 position Reg
Not Spring # 70 Flakes, rings 0025 smaller. Wt 7.966

6206 Cracked end Wt 8.010

6207 Wt 8.044

$$\begin{array}{r} 3\overline{)24020} \\ 8006 \\ \hline 5.6042 \end{array}$$

10 degrees to Right of Zero -

5.60

6208

Dup 6205

No 2 position flake filler -

Not Spring #70 Flake rings. .0925 smaller.

Cot 8.044

6209 Cot 8.031

6210 bracked end Cot 7.982

$$\begin{array}{r} 3\overline{)24057} \\ 8017 \\ \hline 5.6133 \end{array}$$

20 degrees to Right of Zero

5.61

6211

Dup 6205

No 3 position flake feed

Not Spinning #783 lake .0025 smaller rings

#70 Flake Wt 7.903

6212 brushed end #78 flake Wt 7.292

6213 " " " " Wt 7.347

3 | 22542
7514

30 degrees to Right of Zero

7514
7
52598

6214 Dup 6205

No 4 position.

Not Spring #78 Flake rings .0025 smaller

Cof 7.378

6215 Cof 7.286

6216 bracket end Cof 7.384

9 | 22048
7349
5.1543

40 degrees to right of Zero

5.15

6217 Dup 6205

No 5 position –

Not Sprung #78 Flake, rings .0025 smaller

	Cut	7.327
6218	Cut	7.413
6219	Cut	7.356
		22096

50 degrees to Right of Zero

6 Dup 6205

No 6 position.

Cat

6 Cat

6 Cat

6223

21 Hole 005 1½ spiral 3½ wt 4 rings
No 2 grams 21% KOH Containing 3 grams
Acetone & 2 grams LiOH. Ea-Alcell

Wt

6224 Wt

6225 Wt

6241 – Dup 6238

15% NaOH containing 3 grms Acetone each cell.

	Wt
6242	Wt
6243	Wt

6220 21 Hole 005 1½ spiral 3½ wt 4 rings
No 2 green 10 of 24 green —
21% KOH, 3 grms Acetone each cell.
Not Spring #70 Flakes
Bracked end Wt 8.046

6221 " " Wt 8.010

6222 " " Wt 7.966

3 | 24022
8007
7
56009

5.60 -

6223 Dup 6220

21% KOH, 3 grms Acetone
2 grms LiOH, Each cell
Not Sprung #70 Flakes

Wt 7.967

6224 Cracked end Wt 7.992

6225 Wt 7.945

3 | 23904
7968
7
5,5776

6226 Dup 6220

15% NaOH, 3 grms acetone
Each cell -
Not Spring #70 Flake

Cut 7.599

6227 Cut 7.536

6228 Cut 7.580

3)22715
7572
7
5,3004

6229 Dup 6220

15% NaOH, 3 grms acetone
2 grms LiOH, Each cell
Not Spinning # 70 Flake Wt 7.712

6230 bracked end Wt 7.733

6231 bracked end Wt 7.876

3 | 23321
7774
7
5.5418

6232 Dup 6220

21% KOH, 3 grms formate Potash
Each cccc

Not Sprung #70 Flake

Wt 7.934

6233 Wt 7.961

6234 Wt 7.931

3 | 23826
7942
7
5,5594

6235 Dup 6220

21% KOH, 3 grms formate Potash
2 grms LiOH each cc CC
Not Spring #70 Flakes
Cracked end COP 7.927

6236 " " COP 7.958

6237 " " COP 7.978

3 | 23863
7954
7
5.5678

6238 Dup 6220

21% KOH, 3 grms Ammonia
Each cc CC

Not Sporing #70 Flabs
Cracked end COP 7.947

6239 " " COP 7.897

6240 COP 7.903

3) 23747
7916
7
5,5412

6241 Dup 6220

21 w/o KOH – 3 gms Ammonia
2 gms LiOH Ex CaCCC

Not Spring #70 F lake

LOF 8.017

6242 LOF 8.021

6243 bracked end. LOF 7.942

3 | 23980
7993
7
5.5951

6244

2845
6246

6247

6248

6249

6250 Dup 6220

21% KOH, 3 gms Acetamide
Each cell –
Not Spring #70 F lake
bracked end Wt 7.896

6251 " " Wt 7.904

6252 Wt 7.907

$$3\overline{)23707}$$
$$7902$$
$$7$$
$$5,5314$$

6253

21 Holes 005 1½ spiral · 3½ wt 4 rings No 2 green

10 ft 24 grown —

10.5% KOH, 7.5% NaOH, 2.5% LiOH

Each coll —

Not Spring #70 Flake.

Wt 8.034

6254 bracked end Wt 8.006

6255 Wt 8.024

3) 24064

8021

7

5,6147

6256
Old Cells Nos 5575 5576 + 5577
With new Nickel tubes in like 6220
to run with the same irons + rubber
that is now in Cells Use 33% RO#,

No 4 Spring #70 Flake new Stirrer, + ring machine
Wt 7.584

6257 Wt 7.713

6258 Wt 7.806

3 | 23103
7701
7
5,3907

6259 21 Hole 005 – 1½ spiral 3½ wt 4 rings
No 2 screw 10 flake 24 grain Two Tubes
assembled with one Reg Iron 5 grms.
tubes not weighed – all run to have
5 grms – like all same mix –
21% Run as Irons Cold & on hot test.

6260
6261

6262 Dup 6259

21% KOH - 2 grms LiOH Ex. elecell

6263
6264 ✓

6265 Dup 6259

15% NaOH. 2 grms LiOH, each cell.

6266
6267

6268 Dup of 6259 –

15% NaOH, 3 grms LiOH Each cell

6269
6270

6271 Dup of 6259

15% NaOH. 3 grms Bromide of Calcium Each cell

6272
6273

6274 Dup of 6259
15% NaOH. 3 grms
Chloride Potassium - Each cell
6275
6276 ✓

6277 Dup of 6259
15% NaOH. 3 grms Bromide Sodium
Each cell.
6278
6279 ✓

6280 Dup 6259
15% NaOH. 3 grms Chloride
Sodium Each cell -
6281
6282 ✓ Tight fringe

6283 Dup 6259 –
21% KOH. 3 grms Bromide Potassium
Each c.c.C
6284
6285 Tight rings.

6286 Dup 6259
21% KOH, 3 grms Chloride Potassium
Each c.c.C
6287
6288 Tight rings.

6289 Dup 6259
21% KOH, 3 grms Bromide Sodium
6290
6291 " Tight rings.

6292 Dup of 6259
21% KOH. 3 grms Chloride Sodium
Each c.c.C
6293
6294 Tight rings.

6295 Dup 6259
21% KOH. 3 grms Chlorate Potash
Each cell
6296
6297 tight rings

6298 Dup 6259
21% KOH. 3 grms Chlorate Sodium Each cell
6299
6300 tight rings

6301 Dup 6259
15% NaOH. 3 grms Chlorate Potash Each cell
6302
6303 tight rings

6304 Dup 6259
15% NaOH. 3 grms Chlorate Sodium Each cell
6305
6306 tight rings

6307 Dup 6259
21% KOH, 300 milligrams Brimstone one piece, 2 grams
LiOH, each cell
6308
6309 tight rings

6310 Dup 6259
15% NaOH, 300 Milligrams Brimstone per piece
2 grams LiOH. each cell
6311
6312 tight rings

6313 Dup 6259
21% KOH, 3 grams Fluoride Sodium
Each cell.
6314
6315 tight rings

6316 Dup 6259
15% NaOH. 3 grams Fluoride Sodium
Each cell
6317
6318 tight rings

6319 - Dup 6259
21% KOH, 3 grms Borax — each cell
6320
6321 ✓ tight rings

6322 Dup 6259
15% NaOH, 3 grms Borax each cell
6323 ✓
6324 tight rings

6325 Dup 6259
21% KOH, 3 grms Nitrate Potash each cell
6326
6327 ✓ tight rings

6328 Dup 6259.
21% KOH, 3 grms Nitrate Soda each cell
6329 ✓ tight rings
6330

6331 Dup 6259
15% NaOH, 3 gr Nitrate Potash each cell
6332
6333
Light rings

6334 Dup 6259
15% NaOH, 3 grms Nitrate Soda each cell
6335
6336
Light rings

6337 Dup 6259
21% KOH, 3 grms Metastannate soda
each cell
6338
6339
Cannot Make the Metastannate of Soda as it is Insoluble

6340 Dup 6259
15% NaOH, 3 grms Metastannate Soda
6341
6342
Cannot Make

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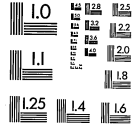

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